

PLAINTIFF'S
EXHIBIT
AL-1357

File SOT
mtg

511904 0181

SOCIETY OF TOXICOLOGY

THE TOXICOLOGIST



ABSTRACTS OF THE
33RD ANNUAL MEETING
VOLUME NO. 1
MARCH 1994

511904 0182

VOL. 14, NO. 1

THE TOXICOLOGIST

MARCH 13-17, 1994

511904 0183

THE TOXICOLOGIST

**An Official Publication of the
Society of Toxicology**

**Abstracts of the
33rd Annual Meeting
Vol. 14, No. 1, March 1994**

511904 0184

Preface

This issue of *The Toxicologist* is devoted to the abstracts of the presentations for the symposium, platform, poster/discussion, and poster sessions of the 33rd Annual Meeting of the Society of Toxicology, held at the Loews Anatole Hotel, Dallas, Texas, March 13-17, 1994.

An alphabetical Author Index, cross-referencing the corresponding abstract number(s), begins on page 439.

The issue also contains a Keyword Index (by subject or chemical) to the titles of all the presentations, beginning on page 467.

The abstracts are reproduced as accepted by the Program Committee of the Society of Toxicology, and appear in numerical sequence, other than the symposia abstracts, which are collected in the front.

Copies of this issue are available at \$30 each plus \$3 postage and handling (U.S. funds) from:

Society of Toxicology
1767 Business Center Drive, Suite 302
Reston, VA 22090-5332

© 1994 Society of Toxicology

- 149 **all-trans-RETINOL PROTECTS AGAINST 1-NITRONAPHTHALENE-INDUCED PULMONARY TOXICITY IN MALE SPRAGUE-DAWLEY RATS** J-M Sauer and I G Sipos. Department of Pharmacology and Toxicology, University of Arizona, Tucson, AZ.

Pretreatment of male Sprague-Dawley rats with large doses of retinol protects against 1-nitronaphthalene-induced pulmonary toxicity, limiting the amount of bronchiolar epithelial cell necrosis and respiratory distress syndrome. The objective of this study was to further characterize the ability of retinol to protect the lung from the toxicity of 1-nitronaphthalene (1-NN) in an attempt to understand the underlying mechanisms involved. Male rats were administered all-trans-retinol (75 mg/kg/d) orally for up to one week. Twenty-four hr after the last dose of retinol, animals were given a single dose of 1-NN (50 to 250 mg/kg; i.p.). Pulmonary injury was evaluated at 6, 24, and 48 hr using bronchoalveolar lavage and morphological techniques. The most overt difference between retinol and vehicle pretreated animals, at both 24 and 48 hr after 1-NN treatment, was the lack of pulmonary edema and infiltration of inflammatory cells into the lungs of retinol animals. Furthermore, retinol pretreated rats possessed only limited bronchiolar cell necrosis, restricted to the nonciliated bronchiolar epithelial cells, as compared to vehicle pretreated rats which displayed severe necrosis and exfoliation of both ciliated and nonciliated bronchiolar epithelium 24 hr following 1-NN treatment. Time- and dose-response experiments with retinol indicated that seven days of pretreatment was required to protect the lungs from the toxicity caused by 100 mg/kg of 1-NN. Moreover, the protection afforded by seven days of pretreatment was dose-dependent and could be overcome with the administration of larger amounts of 1-NN (>200 mg/kg). From these experiments, we concluded that retinol pretreatment decreased the severity of 1-NN-induced pulmonary toxicity in a dose- and time-dependent manner. Studies are underway to determine if retinol alters the disposition/metabolism of 1-NN, or induces protective mechanisms in the lung. (Supported by NIH Grant # ES-06095)

- 150 **THE EFFECT OF PHOSPHOLIPID MONOLAYERS ON REACTIVE GAS INTERFACIAL TRANSFER** L M Jacobson, A Bidani, E M Postlethwait. Pulmonary Research Laboratories, University of Texas Medical Branch, Galveston, TX

Pulmonary NO₂ uptake is mediated by reactions between NO₂ and surface lining layer (SLL) constituents. Solute gas formation is coupled to reaction $[(NO_2)_{gas} \rightarrow (NO_2)_{SLL} + RH \rightarrow HNO_2 + R^*]$ so that toxicity ultimately results from SLL-derived initial reaction products. Product formation depends upon both (NO₂)_{gas} formation and the reactive substrate profile. We have initiated studies to determine whether conditions at the pulmonary gas/liquid interface modulate (NO₂)_{gas} formation and, therefore, may influence local toxic responses. Pulmonary surfactant (PS) is the highly saturated phospholipid/protein complex which prevents lung collapse by reducing alveolar surface tension (γ). The influence of surfactant on NO₂ interfacial transfer was investigated by transient exposure of 1 mM glutathione (GSH) aqueous phases +/- graded phospholipid interfacial monolayers. Interfaces were not compressed. Rate constants (k^{NO₂}) for NO₂ gas phase disappearance were determined. **Results:** 1. DPPC (dipalmitoyl phosphatidylcholine) reduced γ and k^{NO₂} in a [DPPC]-dependent manner. 2. PC with unsaturated fatty acids [DLPC (dilinoleoyl PC) or Egg PC] reduced γ but not k^{NO₂}. 3. Temperature (T) (25→37°) substantially increased k^{NO₂} for GSH-alone. 4. T increased DPPC k^{NO₂} but DPPC << GSH-alone. 5. DLPC and Egg PC displayed less T effect. 6. PS, isolated from bronchoalveolar lavage, functioned similar to DLPC and Egg PC. **Conclusions:** Since PS at the interface is highly enriched with saturated PC, alveolar NO₂ uptake rates may be reduced, thereby providing relative protection. Isolated PS is contaminated by non-alveolar and non-surface lipids which may confound interpretation of results. (NIH ES04952, CIAR 90-23 & NIH T32ES07254)

- 151 **IN VITRO KINETIC ANALYSIS OF VINYL ACETATE METABOLISM IN NASAL TISSUES USING A MINI GAS-UPTAKE SYSTEM.** M.S. Bogdanffy, M.L. Taylor, D.A. Keller, and D.R. Plowchalk. Haskell Laboratory for Toxicology and Industrial Medicine, E I du Pont de Nemours & Co, Newark, DE.

Vinyl acetate (VA) is used in the manufacturing of polymers for the paint, adhesives and paper board industries. Chronic inhalation bioassays show that VA at high concentrations can produce nasal tumors in rats and non-neoplastic nasal lesions in mice. Several lines of evidence suggest that nasal metabolism of VA is a critical step in the mechanism of action. Development of physiological models to describe VA metabolism require metabolic rate constants that are reflective of the *in vivo* situation. Standard assays using homogenates frequently cannot be readily related to *in vivo* modeling. The system described here uses a single whole nasal turbinate placed in a scintillation vial containing VA vapor. Loss of VA from and the appearance of acetaldehyde (AA) into the headspace were modeled, using SimuSolv, as a one compartment description containing removal terms for VA (carboxylesterase) and AA (aldehyde dehydrogenase). Optimization of the model yielded preliminary estimates of carboxylesterase V_{max} of 5.4 and 4.3 mg/hr for respiratory and olfactory turbinates, respectively. K_m was approximately 0.01 mg/mL for both turbinates. For aldehyde dehydrogenase, V_{max} was approximately 0.06 mg/hr for both turbinate types. K_m could not be accurately estimated. The data are consistent with other *in vivo* estimates for these parameters. This technique could prove useful for estimating *in vivo* kinetic constants for many metabolized volatile compounds. This work was supported, in part, by the Society of the Plastics Industry.

- 152 **PREPARATION AND GENERATION OF SIZE-SELECTED SAMPLES OF CHRYSOTILE ASBESTOS FIBERS FOR INHALATION TOXICITY STUDIES.** MA Bartsky and DB Varheit, DuPont Haskell Laboratory, Newark, DE.

One of the most important factors influencing the pathogenic development of fiber-related lung disease is fiber dimension. Longer chrysotile fibers are considered to be more toxic and durable than shorter fibers. Accordingly, an attempt was made to size separate chrysotile asbestos fibers for an inhalation toxicity study comparing the effects of chrysotile asbestos with size-separated preparations of Kevlar® aramid fibers.

Canadian chrysotile asbestos fiber samples were placed in a rotating sieve shaker and sieved through nylon mesh screens. The longer fibers were collected and generated for inhalation studies with a K-tron bin feeder and cyclone apparatus. Following separation and generation, the fibers were collected on a filter and dimensional analysis (i.e., lengths and diameters) was carried out using scanning electron microscopy techniques (with a minimum of 300 fibers/sample). The results showed that the median lengths of fibers were increased from 3 μm in the original bulk sample to 6 μm in the generated sample preparation. Similarly, the mean lengths of fibers were increased from 5.0 μm in the bulk sample to 9.0 μm. The diameters were also decreased following separation and generation. These data indicate that the methodology used in this study was successful for reducing the numbers of small fibers and produced a preparation of fibers that was suitable for comparing the effects of Kevlar® and chrysotile asbestos.

854 CHARACTERIZATION OF FOUR DIASTEREOMERIC BUTADIENE MONOXIDE-GUANOSINE ADDUCTS.

R M Roemig and A A Elfarra. Dept. of Comparative Biosciences & Environmental Toxicol. Center, University of Wisconsin, Madison, WI.

Butadiene monoxide (BM) is a major mutagenic metabolite of 1,3-butadiene, a rodent and possibly a human carcinogen. Both enantiomers of BM are formed *in vitro* and racemic BM has previously been shown to react *in vitro* with guanosine to yield two adducts that were tentatively characterized as regioisomeric guanine N-7 adducts. However, the reactivity of the separate BM enantiomers, which may determine their mutagenic and carcinogenic potency, was not determined. In this study, an attempt was made to characterize the reaction of BM and guanosine further. Four adducts were isolated by reverse-phase HPLC following the removal of the ribose moieties by acid treatment. These adducts were determined to be diastereomers formed by the nucleophilic attack of the N-7 of guanine at the two oxirane carbons of the two enantiomers of BM, based upon characterization by UV- and proton NMR spectroscopy and fast atom bombardment mass spectrometry. The finding that the four isomers were readily formed in relatively equal amounts upon the reaction of racemic BM (1.12 mmol) and guanosine (1.84×10^{-2} mmol) in phosphate buffer (pH 7.4) at 37°C provides evidence for similar reactivities of the two BM enantiomers towards guanosine. (Supported by NIH grant GM 40375 and an NSF Graduate Research Fellowship)

855 DNA DAMAGE BY CROCIDOLITE ASBESTOS IS PRIMARILY IRON DEPENDENT AND IS ENHANCED BY REDUCING AGENTS.

NK Murthy, *JE Schneider Jr, **GT Kinasewitz, *RA Floyd, *ML Maidt, *Q Pye, *KR Maples, ***NE Johnson, *PB McCay. *Free Radic. Biol. Aging Res., Okla. Med. Res. Found., **Pulmon. & Crit. Care Sect., OUHSC, Okla. City, OK and ***ITRI, Albuquerque, NM

Oxidant induced DNA damage has been postulated to be one of the mechanisms where by asbestos fibers induce tumorigenesis. To examine this hypothesis, plasmid supercoiled DNA was incubated at 37°C with varying concentrations (8 to 250 µg/ml) of crocidolite asbestos. DNA damage was assessed by loss of supercoiled forms on agarose gel electrophoresis following 2 h and 20 h incubation. There was a consistent, fiber dose dependent DNA damage in the presence of ascorbic acid or hydrogen peroxide (H_2O_2) but not with asbestos alone. Whereas the system with ascorbate resulted in damage following short incubation of 2 h, that with H_2O_2 failed to do so despite confirmation of hydroxyl radical generation by electron spin resonance. Radical trapping agent 5,5-dimethyl-1-pyrroline-N-oxide (DMPO) was partially protective, whereas the iron chelator desferrioxamine completely prevented the DNA damage as did exclusion of oxygen. Catalase and superoxide dismutase were not protective. These results indicate that the DNA damage by asbestos is dependent on reduced iron and may involve perferoxy or the ferryl complex.

856 ISOBUTYL NITRITE (IBN) AND SODIUM NITRITE DEAMINATION OF DNA AT pH 3 TO 9. S S Mirvish, C Hinman and S C Chen. Spplly Inst Res Cancer, Univ Neb Med Center, Omaha NE.

Sniffing IBN might be involved in etiology of Kaposi's sarcoma associated with AIDS. IBN vapor is mutagenic in Ames test (Mirvish *et al.*, *Env Molac Mutagenesis* 21:247, 1993). To see if IBN could act by deaminating DNA bases, we reacted IBN and $NaNO_2$ with salmon testis DNA and followed xanthine formation from guanine. DNA (0.5 mg/12 ml 0.1% saline) was stirred (25°C, 120 min) in closed flask attached to pH stat with NaOH added continuously to maintain pH. Pure IBN (97 µmol) or $NaNO_2$ (97 µmol/1.62 ml H_2O) was injected 4 x over 90 min. Plots of NaOH addition vs. time showed IBN took 20-30 min for hydrolysis to nitrite. DNA was precipitated with EtOH and redissolved in buffer 3 x to remove unreacted nitrite, hydrolyzed (0.36 M $HClO_4$, 100°C, 1 h) and analysed by HPLC (C-18 column eluted with 20 mM pH 2.3 KH_2PO_4 , 254 nm detection). Xanthine yields as mean % adenine + guanine were: At pH 3, 2.47 (IBN), 2.36 ($NaNO_2$), 0.48 (untreated control); at pH 4, 0.99 (IBN), 1.42 ($NaNO_2$), 0.32 (control); at pH 6 and 9, all results < 0.50. Results at pH 3 and 9 were similar when sulfamate was added after incubation to destroy nitrite and solutions were directly hydrolyzed and analysed, indicating no xanthine loss by depurination. Similarity of IBN and nitrite results and greater effect at acidic pH suggest that IBN deaminates DNA via formation of nitrite and not directly.

857 BENZAMIDE SUPPRESSION OF MALIGNANT PROGRESSION UNRELATED TO THE EXTENT OF BENZO[A]PYRENE DIOL EPOXIDE (BPDE-I) MODIFICATION OF GENOMIC DNA. D Li, I Noyes and G E Mito. Comprehensive Cancer Center, The Ohio State University, Columbus, OH.

Our previous study showed that benzamide (BZ) treatment during early S phase can greatly reduce the number of carcinogen transformed human cells in culture. However, the mechanism of reduced transformation by BZ is not well established. One possibility is that BZ suppresses the formation of mutagen-DNA adducts, such as BPDE-I-dG, in the H-ras gene. To investigate this possibility, synchronized human fibroblast cells were treated with carcinogen BPDE-I during different periods of S phase with or without 2.5 mM BZ. The DNA was digested and then irradiated by laser at 355 nm to break DNA at positions of BPDE adducts. The extent of adduct formation around H-ras gene was assessed by Southern as well as high resolution Ligation-Mediated PCR, quantitated by densitometry. BZ treatment did not reduce overall adduct formation in this region. Our data indicate that the BZ transformation suppression is not caused by reducing the formation of site specific DNA adducts. We are currently investigating the possibility that BZ transiently alters chromatin structure, therefore, influencing DNA adduct distribution. Supported in part by NIH-NCI CA25907 (GEM).

- 1662 EFFECT OF PARTICLE SIZE AND CONCENTRATION OF PCMM ON ACUTE INHALATION TOXICITY OF FOLPET TECHNICAL. Ali M.; S Cracknell, Life Science Research, Eyn, England; I Friedman; Z Paster, MCW, Beer Sheva, Israel; E B Gordon, Makhteshim-Agan of North America, Inc., New York.

To study factors affecting the acute toxicity of the fungicide Folpet Technical, a series of three 4-hour nose only inhalation studies in CD rats were conducted with exposure concentrations ranging from 0.79 to 4.35 mg/L. The rats were exposed either to atmospheres containing particles with Mass Medium Equivalent Aerodynamic Diameters (MMAD) of approximately 3 to 5 μ m (micronized product) or particles with MMAD of approximately 14 μ m (non-micronized). The level of the toxic impurity perchloromethyl mercaptan (PCMM) was present in the two micronized samples at approximately 600 ppm or less than 50 ppm. Treatment and dose-related adverse effects and deaths were evident 2 hours following exposure to day 3 of the observation period. The LC50 for non-micronized material (PCMM - 600 ppm) was greater than 1.14 mg/L for both sexes while it decreased to 1.89 mg/L (M & F) for the micronized material with similar PCMM content. When PCMM content of micronized Folpet was less than 50 ppm, the LC50 value increased in males to greater than 4.35 mg/L, but decreased in females to 1.08 mg/L. It is concluded that smaller particle size increases acute inhalation toxicity, as expected, but that decreasing PCMM has mixed results; toxicity in males was decreased but increased in females.

- 1664 MESOTHELIOMA INDUCTION BY SILICON CARBIDE WHISKERS AFTER INTRAPLEURAL ADMINISTRATION IN RAT. N F Johnson and F F Hahn. Inhalation Toxicology Research Institute, Albuquerque, NM.

Silicon carbide whiskers (SCW) are single crystal structures that may have widespread use in the power generation, automotive, and aerospace industries. There is concern that the fine fibrous morphology of SCW may induce pulmonary disease similar to that documented for asbestos exposure. Three samples of SCW and one sample of continuous glass filament (CGF) were injected into the pleural cavity of female F344/N rats to determine whether these samples could induce mesotheliomas. Rats were also treated with crocidolite and saline for comparative purposes. Rats injected with two of the three SCW samples (SCW #1 and 2) and the crocidolite sample had significantly reduced life spans compared to the saline-treated animals. Rats treated with SCW #3 and CGF did not have a significantly reduced life span. Rats treated with SCW and crocidolite developed mesotheliomas, while rats treated with saline or CGF did not. SCW #1, 2 and 3 and crocidolite resulted in respective tumor incidences of 90%, 87%, 23%, and 57%. These results show that SCW can induce mesotheliomas following intrapleural injection. The difference in biological activity between the SCW samples could not be explained on the basis of their physical dimension or biological activity toward cultured cells. Results from this study indicate that SCW may be a carcinogen and should be handled with care. The results also indicate that members of a class of fibrous materials such as SCW may possess different toxicities. Investigating one "representative" member of a class of fibrous materials may not give results common to other class members. (Research supported by the U.S. DOE/OHER under Contract No. DE-AC04-76EV01013.)

- 1663 CHANGES IN PULMONARY MARKERS OF INJURY AND DIFFERENTIAL CELL COUNTS IN RESPONSE TO RICIN AEROSOL. D M Walters, B P Bell, K A Bostian, and D A Cressia. United States Army Medical Institute of Infectious Diseases, Frederick, MD.

Ricin, a toxic lectin derived from castor beans, is lethal by systemic administration and by inhalation of aerosol. Although vaccination against ricin protects from lethality, it does not completely prevent pulmonary epithelial necrosis induced by inhaled ricin aerosol. It is this ricin-induced pulmonary epithelial necrosis that we are studying in greater detail. Bronchoalveolar lavage (BAL) is a technique commonly used in the study of pulmonary inflammation to obtain markers of injury as well as pulmonary cells. Therefore, after exposing mice to a lethal dose of ricin aerosol (10-15 mg min/m²), we used BAL to measure pulmonary markers of injury and to collect cells for differential cell counts. We measured lactate dehydrogenase (LDH), acid phosphatase, 5' nucleotidase, and total protein in BAL fluid and found that LDH, 5' nucleotidase and total protein levels progressively increased in a time-related fashion over control values. At 24 hr post ricin exposure, LDH and 5' nucleotidase levels plateaued, while total protein continued to increase. We also found that morphologic changes, such as vacuolation and necrosis, in alveolar macrophages (AM) obtained from BAL were not observed until ~4 hr post ricin exposure. Periodic samples of BAL (8-48 hr) showed a shift typical of an acute inflammatory response with AM decreasing from 99% to 8% and PMN increasing from 1% to 92%. There was no obvious temporal correlation between acid phosphatase levels (AM activation/lysis) and 5' nucleotidase (leukocyte maturation) with the time of appearance of PMN in the lung.

- 1665 FIBER INHALATION STUDIES, LUNG BURDENS AND BIOLOGICAL RESPONSES. J G Hadley, E F McConnell, N F Johnson. Owens-Corning Fiberglas, Granville, OH/Raleigh, NC/Inhalation Toxicology Research Inst., Albuquerque, NM.

Recently completed fiber inhalation studies of refractory ceramic fibers in rats and hamsters have reported pulmonary fibrosis (rats and hamsters), lung tumors (rats) and mesothelioma (rats and hamsters). The airborne fiber concentration was approximately 200 f/cc, with exposures 6 hours a day, 5 days a week for either 18 or 24 months. A previous study also reported an airborne fiber concentration of about 200 f/cc with a similar exposure schedule, yet no fibrosis or lung tumors, and only a single mesothelioma in a hamster was reported. The marked difference in the pulmonary effects found in the two studies is hypothesized to be the result of effectiveness of the fiber exposure systems used in the current study. For example, the lung burden in the recent study in rats was in excess of 350,000 f/mg dry lung compared to the previous study in which only 21,000 f/mg dry lung were found. This greater than tenfold difference in lung burden between the two studies suggests that based on lung burdens, the pulmonary responses found in the two studies are consistent with the dose to the target tissue. These results indicate that the assessment of any fiber inhalation study should include careful consideration of actual lung burden of fibers as delivery systems vary greatly in their effectiveness.

1666

A COMPARISON OF THE CARCINOGENIC EFFECTS OF CHRYSOTILE AND CROCIDOLITE ASBESTOS IN RATS AFTER INHALATION. EE McConnell, Raleigh, NC, TN Besterberg, Schuller Int., Denver, CO, JG Hadley, Owens-Corning Fiberglass, Granville, OH, and R. Musselman, USG Interiors, Chicago, IL.

Male F344/N rats were exposed via nose only inhalation to 10 MG/M³ chrysotile (CHRY) or crocidolite (CROC) asbestos for 6 hr/ds, 5 da/wk (CHRY-24 mo; CROC-10 mo followed by no exposure until 24 mo. The number of respirable CHRY fibers (<3.0 um D. X >5.0 um L.) was ~10X greater than CROC: CHRY=1.2 X 10⁴/CC; CROC=1.2 X 10³. Decreased body weight gain and increased mortality were observed with CROC up to 10 mo after which it was comparable to CHRY. Both types of fibers caused progressive pulmonary lesions, i.e. macrophage infiltration, bronchiolization of proximal alveoli and interstitial fibrosis. However, the lesions were more intense and occurred earlier with CROC than CHRY. Pleural fibrosis was observed by 9 mo after CROC but not CHRY exposure. Both types of asbestos fibers were clearly carcinogenic for the rat lung causing an increased incidence of bronchoalveolar adenomas and carcinomas CHRY=19% VS CROC=15% compared to 2-3% unexposed controls). CROC also induced a single mesothelioma. The number of fibers/mg dry lung after ashing was greater for CHRY than CROC. The results of this study show that CROC is more pathogenic to the lungs and pleura of rats than CHRY asbestos, even when the exposure is shorter and at a lower fiber burden.

1668

COMPARISONS OF THE PULMONARY EFFECTS OF SIZE-SEPARATED KEVLAR® ARAMID AND CHRYSOTILE ASBESTOS FIBERS. SR Frame, MA Hartsky, C Butterick, & DB Warheit. DuPont Haskell Laboratory, Newark, DE and Texas Tech Univ. Lubbock, TX.

This multifunctional study was designed to compare the pulmonary toxic effects of inhaled, size-separated preparations of chrysotile asbestos fibers with Kevlar® aramid fibrils. Rats were exposed for 2 weeks at design fiber concs. of 750 and 400 f/cc and evaluated at several postexposure time periods. Two week exposures to Kevlar® aramid fibers produced a transient inflammatory response as evidenced by the results of biochemical lavage studies. Increased pulmonary cell labeling effects were measured on terminal bronchiolar surfaces immediately after exposure but were not different from controls following a 5-day postexposure period. Similarly, a transient increase in neutrophils was measured in the lungs of rats exposed to chrysotile asbestos fibers for two weeks. In contrast, however, substantial increases compared to controls in pulmonary cell labeling indices were measured on terminal bronchiolar, parenchymal, and subpleural surfaces immediately after, and at 5 days and 1 month postexposure. Median and mean lengths of fibers recovered from digested lung tissue were increased over time, suggesting that short asbestos fibers were selectively cleared from the lungs, with apparent insignificant pulmonary clearance of long fibers. The dimensional changes of asbestos fibers as well as the pulmonary cell labeling data indicate that chrysotile asbestos fibers may produce greater long-term pulmonary effects when compared with Kevlar® fibrils.

1667

COLLAGEN SYNTHESIS IN RAT PLEURAL MESOTHELIAL CELLS *IN VITRO*: DIRECT EFFECTS OF MINERAL DUSTS. TR Gelzleichter, JB Mangum, JI Everitt. Chemical Industry Institute of Toxicology, RTP, NC. Sponsor: O.R. Moss.

Although the production of collagen by fibroblasts in response to fibrogenic agents has been thoroughly studied, the contribution of the pleural mesothelial cell to extracellular matrix (ECM) production is poorly understood. In these experiments, we demonstrate that fibrogenic mineral dusts are capable of directly stimulating collagen synthesis by rat pleural mesothelial cells. Rat parietal pleural mesothelial cells were grown to confluence and exposed directly to 0, 1, 2.5 or 5 µg/cm² amosite asbestos or grunerite (non-fibrous particulate of similar composition) for 12, 24 or 48 hours. Collagen and non-collagen protein synthesis were determined at these time-points by a 4 hour pulse with [³H]-proline. Collagen content was determined as bacterial collagenase-soluble protein. Collagen synthesis was consistently elevated above control values for both amosite and grunerite-exposed cells at 1 and 2.5 µg/cm² doses; however, at higher doses this response was attenuated. Maximal stimulation of collagen production was obtained at 24 hours where both amosite and grunerite produced increases in total collagen synthesis per well, ratio of collagen to non-collagen protein, and ratio of collagen to total cellular DNA. Although no clear difference in collagen production was observed between amosite and grunerite-exposed cells, amosite was consistently more cytotoxic than grunerite, as measured by mitochondrial dehydrogenase activity. We conclude that pleural mesothelial cells are capable of producing collagen in response to direct stimulation by mineral dusts.

1669

DEVELOPMENT OF A RODENT MODEL SYSTEM TO STUDY RICIN-INDUCED PULMONARY TOXICITY. DA Cressia, P V Lemley, DM Walters, C Wilhelmssen. United States Army Medical Research Institute of Infectious Diseases, Frederick, MD.

We developed an inhalation bioassay in a mouse model to study pulmonary effects of inhaled ricin. At the doses used in these studies (10-15 mg min/m³ aerosol; 18 µg/kg, i.v.), ricin caused pulmonary epithelial necrosis when inhaled, but ricin given i.v. did not cause any pulmonary toxicity. We found that mice vaccinated against ricin were protected from death, but not completely protected from pulmonary epithelial necrosis caused by inhaled ricin. In an attempt to further reduce the pulmonary lesion from inhaled ricin, we vaccinated mice by instilling formalin-treated ricin into the respiratory tract. Although this vaccine was successful in eliciting significant anti-ricin antibody titers in the respiratory tract, (IgA, IgG) we could not further protect the mice from inhaled ricin. To study this problem we used the intratracheal (itr) instillation model to deliver precise amounts of ricin and anti-ricin antibodies to the lung. We instilled 0.6 µg ricin with or without anti-ricin antibody. The anti-ricin antibodies used were either goat IgG or chicken IgG, pre-mixed at a 10:1 molar ratio with ricin. With the itr instillation model, we found that the toxicity and pulmonary epithelial necrosis resulting from intratracheally instilled ricin were similar to those in mice inhaling a ricin aerosol. Also, the lungs of mice receiving the ricin-antibody complex showed only minimal pulmonary epithelial necrosis, which indicated that anti-ricin antibody, when present in sufficient quantity was capable of substantially reducing the pulmonary necrosis compared to that of ricin-only controls. These data shows that itr instillation of ricin may be an alternative to inhalation of ricin and that attenuation of the pulmonary toxicity of ricin is possible.

KEY WORD INDEX

1, 2, 3-TRICHLOROPROPANE/HALOGENATED HYDROCARBONS/DNA ADDUCTS	1283
1, 3, 5-TRINITROBENZENE/SUBCHRONIC TOXICITY/FISCHER RATS	388
1, 3-BUTADIENE/MIXTURES/STYRENE	87
1, 3-BUTADIENE/IMMUNOHISTOCHEMISTRY/P53	520
1, 3-BUTADIENE/TRANSGENIC/MUTATION	942
1, 1, 1-TRICHLOROETHANE/DEVELOPMENTAL/NEUROTOXICITY	584
1, 1, 1-TRICHLOROETHANE/NEUROBEHAVIORAL/TOXICOKINETICS	1370
1, 1-DICHLOROETHYLENE/CYTOCHROME P-450 2E1/MOUSE	1457
1, 2-DIETHYL BENZENE/CROSSLINKING/NEUROFILAMENT	761
1, 3-BUTADIENE/METABOLISM/BUTADIENE EPOXIDE	1235
1, 3-DICHLOROPROPENE/CANCER RISK/DRINKING WATER	555
1, 3-DINITROBENZENE METABOLISM/ROUTE OF ADMINISTRATION/TESTICULAR TOXICITY	265
1, 6-DINITROPYRENE/HUMAN LIVER/HEPATOCYTES, RAT, HUMAN	323
1-AMINOBEZOTRIAZOLE DERIVATIVES/METABOLIC INTERMEDIATE COMPLEX/ISOZYME-SELECTIVE	108
1-NITRONAPHTHALENE/ALL-TRANS-RETINOL/CLARA CELL NECROSIS	149
12-O-TETRADECANOYLPHORBOL-13-ACETATE/TRANSFORMING GROWTH FACTOR- α /MACROPHAGES	467
19F-N. M. R./IN VITRO METABOLISM/KIDNEY PROXIMAL TUBULAR CELLS	197
19F-NMR-DETECTION/DNA ADDUCTS/DIHALOKETENES	373
2', 3'-DIDEOXYINOSINE/PERIPHERAL NEUROPATHY/DEMYELINATION	524
2'CH3-MPTP/DIADENOSINE TETRAPHOSPHATE/PC ₁₂ CELLS	1337
2, 4-D/DEVELOPMENTAL TOXICITY/TOXICITY	580
2, 3, 7, 8-TETRACHLORODIBENZO-P-DIOXIN/IMMUNOSUPPRESSION/T CELL-INDEPENDENT RESPONSE	18
2, 3, 7, 8-TETRACHLORODIBENZO-P-DIOXIN/EPIDERMAL GROWTH FACTOR RECEPTOR/PHOSPHOTYROSINE	724
2, 3, 7, 8-TETRACHLORODIBENZO-P-DIOXIN/2,3,7,8-TETRACHLORODIBENZOFURAN/CYTOCHROME P-450 1A1	1037
2, 3, 7, 8-TETRACHLORODIBENZO-P-DIOXIN/THYMOCYTES/IN UTERO EXPOSURE	1500
2, 3, 7, 8-TETRACHLORODIBENZO-P-DIOXIN/LIVER SLICES/CYTOCHROME P450 1A	1617
2, 3, 7, 8-TETRACHLORODIBENZOFURAN/CYTOCHROME P-450 1A1/2, 3, 7, 8-TETRACHLORODIBENZO-P-DIOXIN	1037
2, 4, 6-TRINITROPHENYLMETHYLNITRAMINE/MUNITION CHEMICAL/PATHOLOGY	1560
2, 4-D/SOIL/PERCUTANEOUS ABSORPTION	663
2, 4-DITHIOBIURET/MEMORY/ATAxia	294
2, 5-HEXANEDIONE/SERTOLI CELLS/SECRETION	263
2, 5-HEXANEDIONE/NEUROTOXICITY/ION HOMEOSTASIS	760
2, 5-HEXANEDIONE/PYRROLE/HAIR	1414
2, 6-DI-T-BUTYL-4-NITROPHENOL/HEPATIC/CHOLESTASIS	681
2-ACETYLAMINOFLUORENE/UNSCHEDULED DNA SYNTHESIS/LIVER SLICES	29
2-ACETYLAMINOFLUORENE/IMMUNOSUPPRESSION/PROTEIN KINASE C	946
2-CHLOROETHANOL/FATTY ACID HALOETHYL ESTER SYNTHASE/CONJUGATION	1456
2-METHOXYETHANOL/PBPK MODELING/RISK ASSESSMENT	88
2-METHOXYETHANOL/TESTES/IN VITRO	264
2-METHOXYETHANOL/THYMUS/APOPTOSIS	1156
2-METHOXYETHANOL/TESTES/APOPTOSIS	1157
2-METHOXYETHANOL/THYMOCYTES/FLOW CYTOMETRY	1252
2-METHOXYETHANOL/NUCLEAR MAGNETIC RESONANCE SPECTROSC/METABOLISM	1289
2-METHOXYETHANOL/RAT LYMPH NODE CELLS/POLYCLONAL ANTIBODY RESPONSE	1396
2-METHOXYETHANOL/CYCLOHEXIMIDE/APOPTOSIS	1424
2-METHYL-4,5-TRIMETH-4-ISOTH-3-ONE/SKIN SENSITIZATION/RISK ASSESSMENT	1263
2-[14c] ACRYLONITRILE/SPECIES DIFFERENCE/DISPOSITION	1719
3', 3'-IMINODIPROPIONITRILE/NEUROTOXICITY/ β -N-METHYLAMINE-L-ALANINE	1369
3, 3', 4, 4'-TETRACHLOROBIPHENYL/REPRODUCTION/FERTILIZATION	223
3, 3'-IMINODIPROPIONITRILE/REFLEX MODIFICATION/BRAINSTEM AUDITORY EVOKED POTENTIAL	1363
3-D VISUALIZATION/TOXICOKINETICS/PB-TK MODELING	84
3-HYDROXYPYRIDIN-4-ONE/BLOOD-BRAIN BARRIER/CHELATOR	1000

3-MERCAPTOPYRUVATE/CYANIDE/THIOCYANATE	82	ACETA/
32P-POSTLABELING/DNA ADDUCTS/HUMAN BIOMONITORING	1417	ACETA/
32P-POSTLABELLING/HUMAN LIVER/TAMOXIFEN	1602	ACETA/
4-AMINOBIIPHENYL/BENZIDINE/CARCINOGEN POTENCY	473	ACETA
4-AMINOBIIPHENYL/SMOKERS/HEMOGLOBIN	1472	ACETA
4-HYDROXYNONENAL/ALDEHYDE DEHYDROGENASE/COVALENT	1699	ACETA
4-HYDROXYPHENYLPYRUVATE DIOXYGENASE/INBORN ERROR OF METABOLISM/TYROSINAEMIA	826	ACETA
4-METHYLHEPTANE/URINARY METABOLITES/METABOLISM	1291	ACETA
4-METHYLPYRAZOLE/PROTEIN KINASE C/PEROXISOME PROLIFERATORS	1165	ACETA
4-NITROQUINOLINE-N-OXIDE/SUPEROXIDE/ESR	633	ACETA
4-PHENYLCYCLOHEXENE/INHALATION/NEUROTOXICITY	1237	ACETA
4-VINYL-1-CYCLOHEXENEDIEPOXIDE/GLUTATHIONE/REPRODUCTION	656	ACETA
4-VINYLCYCLOHEXENE/OVOTOXICITY/REACTIVE EPOXIDES	212	ACETA
4-VINYLCYCLOHEXENE/OVARIAN TOXICITY/TERATOGENICITY	586	ACETA
4-VINYLCYCLOHEXENE/METABOLISM/SPECIES DIFFERENCES	1312	ACETA
5, 8, 11, 14-EICOSATETRAYNOIC ACID/PEROXIDASES/TRANSPLACENTAL	588	ACETA
5-AMINOLEVULINATE/ASCORBIC ACID/UROPORPHYRIN	1103	ACETA
6-HYDROXYDOPAMINE/ASTROCYTES/METHAMPHETAMINE	1345	ACETA
7, 12-DIMETHYLBENZ[A]ANTHRACENE/DIELDRIN/DISPOSITION	710	ACETON
7H-DIBENZO(C,G)CARBAZOLE/ ³² P-POSTLABELING/DNA ADDUCTS	1284	ACETYC
8-HYDROXYDEOXYGUANOSINE/HALOACETATES/LIVER	1465	ACETYL
8-HYDROXYQUINOLINE/GLUTATHIONE/QUINOLINE	702	ACETYL
8-OXOGUANINE/CHELATORS/HEAVY METALS	999	ACETYL
9-ANTHRONES/PROTEIN KINASE C/TUMOR PROMOTION	676	ACETYL
95% O ₂ /ELLAGIC ACID/COCAINE	592	ACETYL
p-AMINOPHENOL/NEPHROTOXICITY/GLUTATHIONE	181	ACETYL
p-AMINOPHENOL/HEPATOTOXICITY/GLUTATHIONE	1442	ACETYL
α-METHYLDOPAMINE/GLUTATHIONE/NEUROTOXICITY	654	ACETYL
β-N-METHYLAMINE-L-ALANINE/3',3'-IMINODIPROPIONITRILE/NEUROTOXICITY	1369	ACETYL
β-NAPHTHOFILAVONE/ALIESTERASES/ORGANOPHOSPHATES	915	ACETYL
b-GUANIDINOPROPIONIC ACID/METHODS/TISSUE CREATINE	1570	ACETYL
b-LYASE/BIOTRANSFORMATION/DCVC	196	ACETYL
IN VITRO KINETICS/NASAL/CARBOXYLESTERASE	151	ACETYL
HPRT MUTATION/GLUTATHIONE TRANSFERASE/BENZENE	1278	ACETYL
³² P-POSTLABELING/DNA ADDUCTS/7H-DIBENZO(C,G)CARBAZOLE	1284	ACIDOSIS
³ H-PHORBOL ESTER BINDING/POLYCHLORINATED BIIPHENYLS/STRUCTURE-ACTIVITY	1352	ACIVICIN
A-ESTERASE/ORGANOPHOSPHATE HYDROLYSIS/PARAOXON	1297	ACOUSTI
A-NAPATHYLISOTHIOCYANATE/LEUKOTRIENES/LIVER	1440	ACROLE
A-NAPHTHILISOTHIOCYANATE/LIVER/PLATELETS	1437	ACROLE
A549/GLUTATHIONE/CYSTEINE	643	ACROLE
ABSORBED DOSE/SKIN RESERVOIR/BIOAVAILABILITY	662	ACROLE
ABSORPTION/ARSENICALS/SKIN	355	ACROLE
ABSORPTION/SWINE/LEAD	395	ACRYLA
ABSORPTION/SWINE/LEAD	396	ACRYLA
ABSORPTION/LEAD/PHARMACOKINETIC MODELS	562	ACRYLA
ABSORPTION/CARBARYL/SKIN	664	ACRYLA
ACCELERATION/ENVIRONMENTAL TOBACCO SMOKE/ARTERIOSCLEROSIS	722	ACRYLA
ACCELERATOR MASS SPECTROMETRY/LOW-DOSE PHARACOKINETICS/DNA ADDUCT DOSIMETRY	11	ACRYLA
ACCELERATOR MASS SPECTROMETRY/BIODOSIMETRY/BENZENE	1703	ACRYLA
ACCUMULATION/CH ₃ HG ⁺ -RESISTANT CELL LINE/GLUTATHIONE	994	ACRYLA
ACETALDEHYDE/NASAL CAVITY/VAPOR UPTAKE	1194	ACRYLA
ACETAMIDE/CANCER/RISK	541	ACRYLA
ACETAMINOPHEN/IMMUNOSUPPRESSION/IN VITRO	22	ACRYLATI
ACETAMINOPHEN/HEPATOTOXICITY/LIVER SLICES	31	ACRYLIC
ACETAMINOPHEN/DTP VACCINE/BIOACTIVATION	95	ACRYLIC

ACETAMINOPHEN/BIOTRANSFORMATION/CYTOCHROME P-450	96
ACETAMINOPHEN/CYTOCHROME P-450/FLUVOXAMINE	130
ACETAMINOPHEN/NEPHROTOXICITY/IN VIVO COVALENT BINDING	195
ACETAMINOPHEN/CATARACTOGENESIS/AH RECEPTOR	374
ACETAMINOPHEN/DNA DAMAGE/PROLIFERATION	430
ACETAMINOPHEN/OXIDANT STRESS/DIQUAT	607
ACETAMINOPHEN/CATS/HEINZ BODY	809
ACETAMINOPHEN/CYTOPROTECTION/APOPTOSIS	1155
ACETAMINOPHEN/HEPATOCYTES/DNA REPAIR INHIBITORS	1285
ACETAMINOPHEN/HEPATOTOXICITY/ANTIGENIC BIOMARKER	1408
ACETAMINOPHEN/COVALENT BINDING/HEPATOTOXICITY	1686
ACETAMINOPHEN/COVALENT BINDING/HEPATOTOXICITY	1687
ACETAMINOPHEN/COVALENT BINDING/HEPATOTOXICITY	1688
ACETAMINOPHEN/NEPHROTOXICITY/CYP2E1	1689
ACETAMINOPHEN/HEPATOTOXICITY/GLUTATHIONE	1690
ACETAMINOPHEN/COVALENT BINDING/HEPATOTOXICITY	1692
ACETAMINOPHEN/COVALENT BINDING/HEPATOTOXICITY	1693
ACETAMINOPHEN:COVALENT BINDING/NUCLEO TRANSLOCATION OF ADDUCTS/LAMIN A	1691
ACETONE/RISK ASSESSMENT/POTABLE WATER	554
ACETYLCHOLINESTERASE/IN UTERO EXPOSURE/CHLORPYRIFOS	910
ACETYLAMINOFLUORENE/HEPATOCARCINOGENESIS/BIOTRANSFORMATION	848
ACETYLCHOLINESTERASE/NEUROPATHY TARGET ESTERASE/SH-SY5Y HUMAN NEUROBLASTOMA CELLS	318
ACETYLCHOLINESTERASE/SKIN PENETRATION/TOPICAL SKIN PROTECTANT	341
ACETYLCHOLINESTERASE/IMMUNOTOXICOLOGY/ORGANOPHOSPHATES	414
ACETYLCHOLINESTERASE/INHIBITION/REACTIVATION	904
ACETYLCHOLINESTERASE/NEUROTOXICESTERASE/ISOMALATHION	911
ACETYLCHOLINESTERASE/PARAOXON/TOLERANCE	913
ACETYLCHOLINESTERASE/PARAOXON/TOLERANCE	914
ACETYLCHOLINESTERASE/ORGANOPHOSPHATES/MUSCARINICRECEPTORS	919
ACETYLCHOLINESTERASE/PARAOXON/FISH	1519
ACETYLCHOLINESTERASE/ERYTHROCYTE/SENSITIVITY	1564
ACETYLCHOLINESTERASE ACTIVITY/PESTICIDE MIXTURES/SY5Y CELL LINE	1353
ACETYLCHOLINESTERASE INHIBITION/CHLORPYRIFOS-OXON/ORGANOPHOSPHATE INHIBITION	909
ACETYLCHOLINESTERASE INHIBITION/ORGANOPHOSPHATES/HEPATIC ALIESTERASES	1533
ACIDOSIS/CALCIUM/CYANIDE	1491
ACIVICIN/Y-GLUTAMYLTRANSPEPTIDASE/NRK-49F CELL	640
ACOUSTIC STARTLE/BEHAVIOR/RATS	301
ACROLEIN/PULMONARY ENDOTHELIUM/GLUTATHIONE ADDUCT	307
ACROLEIN/MERCAPTURIC ACIDS/CYCLOPHOSPHAMIDE	370
ACROLEIN/ALDEHYDES/PROTEIN KINASE C	464
ACROLEIN/AEROSOL PARTICLE/PULMONARY TOXICITY	1196
ACROLEIN MERCAPTURIC ACIDS/CYCLOPHOSPHAMIDE/HEMORRHAGIC CYSTITIS	369
ACRYLAMIDE/GLUTATHIONE/DOMINANT LETHAL	202
ACRYLAMIDE/GLUTATHIONE/SPERM	203
ACRYLAMIDE/TOXICOKINETICS/CHICKENS	385
ACRYLAMIDE/PERIPHERAL NEUROPATHY/GAP-43	451
ACRYLAMIDE/KINESIN/AXONAL TRANSPORT	766
ACRYLAMIDE/PHOSPHORYLATION/MICROTUBULES/CYTOSKELETON	767
ACRYLAMIDE/PC12/NGF	768
ACRYLAMIDE/GROWTH CONE/MORPHOLOGY	769
ACRYLAMIDE/GROWTH FACTORS/IN VITRO TESTING	1360
ACRYLAMIDE/EXTRAPOLATION/RISK ASSESSMENT	1586
ACRYLATES/IN-VITRO/GLUTATHIONE	659
ACRYLIC ACID/NASAL TOXICITY/OLFACTORY TOXICITY	1212
ACRYLIC ACID/TOXICOKINETICS/DISPOSITION	1704

ACRYLIC ACID/TOXICOKINETICS/DISPOSITION	1705	AG
ACRYLONITRILE/CYANOETHYLENE OXIDE/PHARMACOKINETICS	76	AG
ACRYLONITRILE/BIOLOGIC MARKERS/COVALENT BINDING	1406	AG
ACRYLONITRILE/TROUT/PERSISTANCE (T 1/2)	1713	AG
ACTIVE OXYGEN/SELENITE/GLUTATHIONE	1008	AG
ACTIVE OXYGEN/DNA STRAND BREAKS/SELENIUM	1009	AG
ACUTE/PETROLEUM/MICE	687	AH
ACUTE/MUTAGENICITY/REPELLENT	923	AH
ACUTE/ALIPHATIC AMINES/INHALATION	1214	AH
ACUTE/INHALATION/LIQUID AEROSOLS	1661	AH
ACUTE INHALATION/SULFURYL FLOURIDE/EVOKED POTENTIALS	1373	AH
ACUTE PHASE/DIMETHYLNITROSAMINE/CHRONIC	955	AH
ACUTE PHASE PROTEINS/LPS (ENDOTOXIN)/HEPATOCYTES	683	AH
ACUTE TOXICITY/PULMONARY INFLAMMATION/SILICA	277	AH
ACUTE TOXICITY/IRRITANCY/GLUTARALDEHYDE	672	AH
ACUTE TOXICITY/DIAGNOSTIC IMAGING/GADOLINIUM	1023	AH
ACYL GLUCURONIDE/HEPATOTOXICITY/REACTIVE-METABOLITE	715	AH
ACYL-COA BINDING PROTEIN/FATTY ACID-BINDING PROTEIN/PERFLUORODECANOIC ACID	1099	AH
ADAPTION/INHALATION/HEXAMETHYLENE DIISOCYANATE	1589	AH
ADDUCT TURNOVER/HALOTHANE/HEPATOTOXICITY	1683	AH
ADDUCTS/HEMGLOBIN/DINITROBENZENE	321	AH
ADDUCTS/HEMOGLOBIN/ETHYL CARBAMATE	387	AH
ADDUCTS/STRESS PROTEINS/MITOCHONDRIA	1136	AH
ADDUCTS/AMINO ACIDS/CHROMIUM	1192	AH
ADDUCTS/TOLUENE DIISOCYANATE/SENSITIZATION	1409	AH
ADDUCTS/URINARY METABOLITES/BENZO(A)PYRENE	1416	AII
ADDUCTS/ANTIBODIES/BROMOBENZENE	1700	AII
ADHESION MOLECULES/SILICA/NEUTROPHILS	241	AIF
ADIPOSE TISSUE/GLUCOSE TRANSPORT/TCDD	1035	AIF
ADITOPRIM/ANEMIA/THROMBOCYTOPENIA	1550	AIF
ADJUVANCY/HYPERSENSITIVITY/SILICONES	20	AIF
ADJUVANTS/ALUMINUM/GP120	534	AIF
ADRENALECTOMIZED/IMMUNE SYSTEM/ETHANOL	1397	AIF
ADRENERGIC/CELL PROLIFERATION/LABELLING INDEX	434	AL
ADRENERGIC AGONIST/BODY MASS/BODY COMPOSITION	808	AL
ADRENERGIC ANTAGONISTS/BROMOBENZENE/HEPATOTOXICITY	699	AL
ADVERSE EFFECTS/PESTICIDES/REGULATORY	795	AL
AEROSOL/CANINE EXPOSURE/INHALATION TOXICOLOGY	158	AL
AEROSOL/SENSORY IRRITATION/TRIETHYLENE GLYCOL	1207	AL
AEROSOL PARTICLE/PULMONARY TOXICITY/ACROLEIN	1196	AL
AET AND LIVER INJURY/LIVER NECROSIS, PREVENTION/CARBON TETRACHLORIDE	1049	AL
AFLATOXIN/LIVER SLICES/FUMONISIN	773	AL
AFLATOXIN/METABOLISM/HSCAS OR CLAY	777	AL
AFLATOXIN B ₁ /GLUTATHIONE S-TRANSFERASE YC2/INDOLE-3-CARBINOL	43	AL
AFLATOXIN B ₁ /BETA-NAPHTHOFILAVONE/INDOLE-3-CARBINOL	42	AL
AFLATOXIN B ₁ /COUMARIN/ANTIMUTAGEN	48	AL
AFLATOXIN B ₁ /CELL CYCLE ANALYSIS/DIETARY RESTRICTION	200	AL
AFLATOXIN B ₁ /METABOLISM/ZEBRA FISH	686	AL
AFLATOXIN B ₁ /BIOTRANSFORMATION/CHANNEL CATFISH	1287	AL
AFLATOXIN B ₁ /LIPOXYGENASE/HUMAN PLACENTA	1292	AL
AFLATOXIN B ₁ /CHICKEN/CYTOCHROME P-450	1301	AL
AFLATOXIN B ₁ /BIOACTIVATION/HUMAN LUNG	1305	AL
AGE/HYPEROXIA/OXYGEN RADICALS	601	AL
AGE-RELATED CHANGES/METHAMPHETAMINE NEUROTOXICITY/DOPAMINE/GFAP	1333	AL
AGGREGATION INHIBITORS/ANTIPLATELET/NIPECOTAMIDES	1553	AL

1705	AGING/GLUTATHIONE/MACULAR DEGENERATION	648
76	AGING/TCDD/PHARMACOKINETICS	1046
1406	AGING/CELL PROLIFERATION/OZONE	1223
1713	AGING/BRONCHO-ALVEOLAR LAVAGE/OZONE	1224
1008	AGONIST AFFINITY/AH RECEPTOR/GENETIC POLYMORPHISM	1030
1009	AGONISTS/SCREEN/AH RECEPTOR	1614
687	AH LOCUS/DNA ADDUCTS/PREGNANCY	1281
923	AH RECEPTOR/ESTROGEN RECEPTOR/CROSS TALK	112
1214	AH RECEPTOR/ARNT/TCDD	234
1661	AH RECEPTOR/ACETAMINOPHEN/CATARACTOGENESIS	374
1373	AH RECEPTOR/ANTIESTROGEN/CANCER	732
955	AH RECEPTOR/GENE EXPRESSION/TCDD	1024
683	AH RECEPTOR/IMMUNOASSAY/TCDD	1025
277	AH RECEPTOR/DNA BINDING/TCDD	1026
672	AH RECEPTOR/TCDD/EMBRYONIC	1028
1023	AH RECEPTOR/GENETIC POLYMORPHISM/AGONIST AFFINITY	1030
715	AH RECEPTOR/TCDD/CHROMOSOME 7	1031
1099	AH RECEPTOR/TCDD/EXPRESSION	1032
1589	AH RECEPTOR/TCDD/BENZO[A]PYRENE	1034
1683	AH RECEPTOR/CYP1A1/NEROTOXICITY	1341
321	AH RECEPTOR/PROTEOLYSIS/TCDD	1518
387	AH RECEPTOR/AGONISTS/SCREEN	1614
1136	AH RECEPTOR/TCDD/CYTOCHROME P-450	1616
1192	AH RECEPTOR/TCDD/CLONING	1620
1409	AH-RECEPTOR/ARNT/DIOXIN	1033
1416	AIDS/THYROID/N-BUTYL-1-DEOXYNOJIRMYCIN	530
1700	AIDS/MITOCHONDRIA/MUTAGENESIS	531
241	AIR STANDARDS/TOXICOKINETICS/HYDROGEN SULFIDE	794
1035	AIRBORNE (OR ATMOSPHERIC)/POLYCHLORINATED BIPHENYLS/PLANARIA	1060
1550	AIRWAY INFLAMMATION/ENDOTOXIN/CYTOKINES	271
20	AIRWAY SMOOTH MUSCLE/FORMALDEHYDE/AIRWAYS	965
534	AIRWAYS/LUNG/GLUTATHIONE	649
1397	AIRWAYS/AIRWAY SMOOTH MUSCLE/FORMALDEHYDE	965
434	ALA SYNTHETASE MRNA/MERCURY/KIDNEY	1186
808	ALBUMIN/ESTROGEN/TUMOR	454
699	ALCOHOL/LIVER TRANSPLANTATION/RADICALS	628
795	ALCOHOL/TOXICITY/URETHANE	789
158	ALCOHOL/PORPHYRIA/HEXACHLOROBENZENE	1071
1207	ALCOHOL/ETHANOL/CYP2E1	1295
1196	ALCOHOL/KUPFFER CELLS/HYPOXIA	1450
1049	ALCOHOL/KUPFFER CELLS/OXYGEN CONSUMPTION	1453
773	ALCOHOL DEHYDROGENASE/ETHANOL/P-NITROSOPHENOL	690
777	ALCOHOL DEHYDROGENASE/HUMAN ISOZYMES/P-NITROSOPHENOL	1306
43	ALDEHYDE DEHYDROGENASE/TRANSCRIPTION FACTOR-BINDING SITES/[AH] GENE BATTERY	1621
42	ALDEHYDE DEHYDROGENASE/COVALENT/4-HYDROXYNONENAL	1699
48	ALDEHYDE DEHYDROGENASE GENE/TRANSCRIPTION FACTOR-BINDING SITES/[AH] GENE BATTERY	1623
200	ALDEHYDES/PROTEIN KINASE C/ACROLEIN	464
686	ALDEHYDES/STRUCTURE-ACTIVITY RELATIONSHIP/GLUTATHIONE	658
1287	ALDEHYDES/MIXTURES/NASAL TOXICITY	1195
1292	ALDOSE REDUCTASE INHIBITOR/PRIMATE/CT P-450	91
1301	ALDOSE REDUCTASE INHIBITORS/BIOTRANSFORMATION/OCULAR	1313
1305	ALIESTERASES/ORGANOPHOSPHATES β -NAPHTHOFLAVONE	915
601	ALIPHATIC AMINES/INHALATION/ACUTE	1214
1333	ALKALINE ELUTION/CARCINOGEN/DNA STRAND BREAKS	840
1553	ALKALINE PHOSPHATASE/TYPE II CELLS/PULMONARY INJURY	148

ALKOXYRESORUFIN ETHERS/PLANTS/CYTOCHROME P-450	122	AN
ALKOXYLANES/INHALATION/STRUCTURE ACTIVITY RELATIONSHIPS	1215	AN
ALKYLATING AGENT/PRIMARY RENAL CELL CULTURE/OXIDATIVE INJURY	605	AN
ALKYLATION/CLONE/DNA REPAIR	859	AN
ALKYLATION/LAMININ/SULFUR MUSTARD	1694	AN
ALKYLPHENOL/PROTEIN SYNTHESIS/LUNG SLICES	27	AN
ALKYLPHENOL/HEPATOTOXICITY/QUINONE METHIDE	363	AN
ALL-TRANS-RETINOL/CLARA CELL NECROSIS/1-NITRONAPHTHALENE	149	AN
ALLERGY/MODELS/PROTEINS	1256	AN
ALLERGY/CYTOKINES/IN VITRO	1613	AN
ALLIGATOR/PHEONOBARBITAL/CYTOCHROME P-450	97	AN
ALLYL ALCOHOL/CRYOPRESERVATION/HEPATOCYTES	1088	AN
ALLYL ALCOHOL/ATP/ENERGY CHARGE	1447	AN
ALLYL ALCOHOL/CAFFEINE/HEPATOCYTES	1454	AN
ALLYLNITRILE/CYANIDE/METABOLISM	1296	AN
ALPHA 2U-GLOBULIN/KIDNEY LESIONS/DEET	175	AN
ALPHA-2-MICROGLOBULIN/KIDNEY/URINARY BLADDER	171	AN
ALPHA-ACID GLYCOPROTEIN/GENE EXPRESSION/MERCURY	995	AN
ALPHA-NAPHTHYLSISOTHIOCYANATE/LIVER/GLUTATHIONE	1438	AN
ALPHA2U-GLOBULIN/GLYCOSAMINOGLYCAN/KIDNEY	816	AN
ALTERED ENZYME PHENOTYPE/HEPATOGENESIS/PROGRESSION	964	AN
ALUMINUM/LONG-TERM POTENTIATION/GLUTAMATE RELEASE	506	AN
ALUMINUM/GP120/ADJUVANTS	534	AN
ALUMINUM/HEPATOCYTES/CELL KILLING	1182	AN
ALUMINUM/PHOSPHOLIPASE C/PHOSPHATIDYLINOSITOL	1366	AN
ALUMINUM/CALCIUM/GILLS	1655	AN
ALVEOLAR MACROPHAGES/TUMOR NECROSIS FACTOR-ALPHA/PHOSGENE	752	AN
AMES ASSAY/MUTAGENICITY/GENOTOXICITY	1273	AN
AMES ASSAY/MUTATOX/SEDIMENT	1634	AN
AMILORIDE/CYSTIC FIBROSIS/INHALATION	830	AN
AMINE OXIDASE/AORTA/ELASTIN	1481	AN
AMINO ACID TRANSPORT/FANCONI SYNDROME/MALEIC ACID	191	AN
AMINO ACID TRANSPORT SYSTEM L/METHYLMERCURY/BLOOD-BRAIN BARRIER	1184	AN
AMINO ACIDS/CHROMIUM/ADDUCTS	1192	AN
AMINO ISOBUTYRIC ACID	802	AN
AMIODARONE/PULMONARY INFLAMMATION/PULMONARY FIBROSIS	272	AN
AMNESIAC SHELLFISH POISONING/GLUTAMATE/DOMOIC ACID	564	AN
AMOSITE ASBESTOS/MESOTHELIAL CELL/COLLAGEN	1667	AN
AMPHIPHILIC DRUGS/NITRIC OXIDE/INHIBITION	736	AN
AMPHOCIL™/DEVELOPMENTAL TOXICITY/LIPID COMPLEX	573	AN
AMYOTROPHIC LATERAL SCLEROSIS/INSULIN-LIKE GROWTH FACTOR/PHARMACOKINETICS	377	AN
AMYOTROPHIC LATERAL SCLEROSIS/INSULIN-LIKE GROWTH FACTOR/SAFETY	378	AN
ANABOLIC-ANDROGENIC STEROIDS/LIVER CELL CULTURE/GSH	692	AN
ANABOLIC-ANDROGENIC STEROIDS/INTRACELLULAR CALCIUM/HEART CELL CULTURES	1474	AN
ANALOGUES/PEROXISOMES/CIPROFIBRATE	1097	AN
ANALYSIS/LIPID PEROXIDATION/GAS CHROMATOGRAPHY	629	AN
ANALYSIS/AUTOMATED/METHEMOGLOBIN	1572	AN
ANDROGEN PRODUCTION/TCDD/MALE REPRODUCTIVE SYSTEM	1501	AN
ANEMIA/LEAD/ERYTHROPOIETIN	897	ANX
ANEMIA/METHEMOGLOBIN/HEINZ BODY	1548	AOR
ANEMIA/THROMBOCYTOPENIA/ADITOPRIM	1550	AP-I
ANEMIA/INHALATION/ARSINE	1590	APL
ANESTHESIA/BISULFITE/NERVE	1348	APO
ANESTHETICS/HEPATOTOXICITY/HALOGENATED HYDROCARBONS	1462	APO
ANEUPLOIDY/FLUORESCENCE IN SITU HYBRIDIZATION/CHROMOSOME PAINTING	8	APO

ANEUPLOIDY/TAMOXIFEN/CHROMOSOME DAMAGE	1603
ANIMAL MODEL/CARCINOGENESIS/ESTROGEN	459
ANIMAL REDUCTION/STAGewise DESIGN/STATISTICAL DESIGN	567
ANIMAL RESTRAINT/INHALATION/NOSE ONLY EXPOSURE/CORE BODY TEMPERATURE	866
ANIMAL-MODEL/PROMOTION/CIGARETTE-SMOKE-CONDENSATE	462
ANION/CALCIUM/LEAD	903
ANOXIA/MITOCHONDRIA/CALCIUM	1495
ANQ-3598/TOXICOKINETICS/BIOTRANSFORMATION	375
ANTAGONISM/CARRIER ERYTHROCYTES/PAROXON	1537
ANTI-HIV/PLACENTA/DIDEOXYINOSINE	525
ANTI-HIV/TOXICITY/PLACENTA	526
ANTI-PLATELET/IIb/IIIa INHIBITOR/ANTICOAGULANT	1489
ANTIARRHYTHMIC/BRB-I-28/BIOTRANSFORMATION	807
ANTIBODIES/PEPTIDE/CYTOCHROME P-450	92
ANTIBODIES/CALCIUM/BERYLLIUM	1012
ANTIBODIES/ELISA/GUINEA PIG	1609
ANTIBODIES/BROMOBENZENE/ADDUCTS	1700
ANTIBODY/HALOTHANE/CROSSREACTIVITY	1608
ANTICANCER AGENTS/MYELOTOXICITY/HEPATOTOXICITY	1105
ANTICARCINOGENIC/LIVER/CADMIUM	38
ANTICHOLINESTERASE/BIOACTIVATION/IN VITRO	905
ANTICOAGULANT/ANTI-PLATELET/IIb/IIIa INHIBITOR	1489
ANTIDOTES/SULFIDE/TOXICITY	823
ANTIESTROGEN/ER/SP1 INTERACTION/TRANSCRIPTION	47
ANTIESTROGEN/TCDD/VITELLOGENIN	450
ANTIESTROGEN/CANCER/AH RECEPTOR	732
ANTIESTROGENICITY/CHLORINATED AZO(XY)BENZENES/TCDD	1507
ANTIFIBROGENIC/ANTICIRRHOTIC/LIPOCYTE/SCREEN	313
ANTIGEN PRESENTATION/HUMAN/LANGERHANS CELLS	1604
ANTIGENIC BIOMARKER/ACETAMINOPHEN/HEPATOTOXICITY	1408
ANTIHYPOTENSIVE DRUG/NO SYNTHASE INHIBITOR/N ^G -METHYL-L-ARGININE	803
ANTIINFLAMMATORY/CNS/CONVULSIONS	810
ANTILEISHMANIAL/HEMOLYSIS/HEPATOTOXICITY	1552
ANTIMONY/OXIDATIVE STRESS/HEART	608
ANTIMUTAGEN/AFLATOXIN B ₁ /COUMARIN	48
ANTINEOPLASTIC DRUGS/VINCA ALKALOIDS/RENAL TRANSPORT	186
ANTIOXIDANT/LIPID PEROXIDATION/CALCIUM	621
ANTIOXIDANT/HETEROCYCLIC AMINE/CHEMOPREVENTION	638
ANTIOXIDANT/CADMIUM/GLUTATHIONE	881
ANTIOXIDANT/HETEROCYCLIC AMINE/CHEMOPREVENTION	958
ANTIOXIDANT/DINITROBENZENE/ENCEPHALOPATHY	1343
ANTIOXIDANT/MASS SPECTROMETRY/HPLC	1566
ANTIOXIDANT/PHENOLS/FREE RADICALS	1579
ANTIOXIDANT GENE/ATX1/SOD	441
ANTIOXIDANT PROTECTION/VITAMIN AND SELENIUM/OZONE TOXICITY	632
ANTIOXIDANT SYSTEM/TOXICITY/CHROMIUM	1005
ANTIPLATELET/NIPECOTAMIDES/AGGREGATION INHIBITORS	1553
ANTI-PSYCHOTIC/OLANZAPINE/PROGENITOR CELLS/STEM CELLS/HEMATOPOIETIC/BONE MARROW	1549
ANXIOLYTIC/LIPID/LIVER	1107
AORTA/ELASTIN/AMINE OXIDASE	1481
AP-1 TRANSCRIPTION FACTOR/ONCOGENE EXPRESSION/CC14 TOXICITY INHIBITORS/INDUCERS	515
APLASTIC ANAEMIA/TOXIC CYSTEINE CONJUGATES/RENAL INJURY CATTLE	194
APOPTOSIS/RAS-ONCOGENE/OKADAIC ACID	167
APOPTOSIS/LEAD/RETINA	1123
APOPTOSIS/CHROMIUM/CARCINOGENESIS	1154

APOPTOSIS/ACETAMINOPHEN/CYTOPROTECTION	1155
APOPTOSIS/2-METHOXYETHANOL/THYMUS	1156
APOPTOSIS/2-METHOXYETHANOL/TESTES	1157
APOPTOSIS/GLUCOCORTICOID/IMMUNOSUPPRESSION	1158
APOPTOSIS/TCDD/PROLACTIN	1159
APOPTOSIS/FLOW CYTOMETRY/CELL DEATH	1160
APOPTOSIS/THYMOCYTES/DNA FRAGMENTS	1161
APOPTOSIS/EARLY GENE EXPRESSION/TISSUE REPAIR	1180
APOPTOSIS/CALCIUM/PHOSPHORYLATION	1419
APOPTOSIS/CYANIDE/DNA FRAGMENTATION	1420
APOPTOSIS/LUNG/RADIATION	1421
APOPTOSIS/TERATOGENESIS/CYCLOPHOSPHAMIDE	1422
APOPTOSIS/2-METHOXYETHANOL/CYCLOHEXIMIDE	1424
APOPTOSIS/THAPSIGARGIN/CALCIUM	1425
APOPTOSIS/PROTEIN SYNTHESIS/THYMOCYTES	1426
APPETITE SUPPRESSION/TCDD/GLUCONEOGENESIS	1505
AQUATIC/AVIAN/REPELLENT	926
AQUATIC/STRESS PROTEINS/BIOMONITORING	1433
AQUATIC/SURFACTANTS/IN VITRO	1649
AQUATIC/METALLOTHIONEIN/METALS	1652
AQUATIC/METALLOTHIONEIN/METALS	1653
AQUATIC TOXICOLOGY/CYTOCHROME P-450 1A/BIOMARKERS	1114
ARACHIDONIC ACID/P450/PEROXYGENASE	109
ARACHIDONIC ACID/SKIN IRRITATION/IN VITRO	335
ARNT/TCDD/AH RECEPTOR	234
ARNT/DIOXIN/AH-RECEPTOR	1033
AROCLOR/LIVER/PCBS	1458
AROMATASE/C8/PEROXISOME PROLIFERATION	1163
AROMATIC AMINES/CARCINOGENIC HAZARD/RISK ASSESSMENT/STRUCTURE-ACTIVITY RELATIONSHIP ANAL	453
ARSENIC/CARCINOGENICITY/RISK ASSESSMENT	51
ARSENIC/EPA GUIDELINES/RISK ASSESSMENT	52
ARSENIC/GLUTATHIONE/PHARMACOKINETICS/TOXICOKINETICS	68
ARSENIC/INSOLUBLE/MACROPHAGES	242
ARSENIC/PROBABILISTIC RISK ASSESSMENT/STOCHASTIC RISK ASSESSMENT	551
ARSENIC/COMPARATIVE/TOXICOLOGY	800
ARSENIC/GLUTATHIONE/REDOX	1014
ARSENIC/GLUTATHIONE/ERYTHROCYTE	1015
ARSENIC/GLUTATHIONE/ERYTHROCYTE	1016
ARSENIC/GLUTATHIONE/THIN-LAYER CHROMATOGRAPHY	1017
ARSENICALS/SKIN/ABSORPTION	355
ARSINE/HEMOLYSIS/IN VITRO	320
ARSINE/ANEMIA/INHALATION	1590
ARTERIOPATHY/HAEMODYNAMIC/PDE III INHIBITOR	1483
ARTERIOSCLEROSIS/ACCELERATION/ENVIRONMENTAL TOBACCO SMOKE	722
ARTERIOSCLEROTIC/TOBACCO SMOKE/LUNG CANCER	718
ASBESTOS/FREE RADICALS/DNA STRAND BREAKS	855
ASBESTOS/CANCER	1666
ASBESTOS FIBERS/SIZE-SELECTED/CHRYCOTILE	152
ASCORBIC ACID/AVIAN/GLUTATHIONE	661
ASCORBIC ACID/UROPORPHYRIN/5-AMINOLEVULINATE	1103
ASPARTATE/ASTROCYTES/METHYLMERCURY	1110
ASPARTATE/ASTROCYTES/MERCURY	1112
ASSAY/BACTERIAL/GENOTOXICITY	1285a
ASSESSMENT/NONCANCER/RISK	1592

ASTM
ASTRO
ASTRO
ASTRO
ASTRO
ASTRO
ATAXI
ATAXI
ATHEP
ATP/EL
ATP/C
ATROF
ATX1/5
AUDIT
AUDIT
AURIN
AUTO/
AUTO/
AUTO/
AUTO/
AUTO/
AUTO/
AUTO/
AUTO/
AUTOM
AUTOM
AUTOP
AVIAN/
AVIAN/
AVIAN/
AVIAN/
AXIOL
AXONE
AXONA
AXONA
AXONA
AXON/
AZARC
AZOLE
AZOLE
AZT/PY
B-OXID
BACTE
BACTE
BAP-CO
BASOL/
BATRA
BAY K 8
BCL-2/M
BCL-2 T
BCOP/IF
BEHAVI
BEHAVI

1155	ASTM E981/CARPETS/SENSORY IRRITATION	969
1156	ASTROCYTES/MORPHOMETRICS/METHYLMERCURY	990
1157	ASTROCYTES/GLUTATHIONE/MONOCHLOROACETIC ACID	1057
1158	ASTROCYTES/METHYLMERCURY/ASPARTATE	1110
1159	ASTROCYTES/MERCURY/ASPARTATE	1112
1160	ASTROCYTES/METHAMPHETAMINE/6-HYDROXYDOPAMINE	1345
1161	ASTROGLIA/GLUTATHIONE/FELINE IMMUNODEFICIENCY VIRUS (FIV)	1347
1180	ATAXIA/2,4-DITHIOBIURET/MEMORY	294
1419	ATAXIA TELANGIECTASIA/REPRODUCTION/RADIATION	844
1420	ATHEROGENESIS/ENDOTHELIAL/CYTOCHROME	1482
1421	ATP/ENERGY CHARGE/ALLYL ALCOHOL	1447
1422	ATP/CALCIUM/PURINERGIC RECEPTORS	1492
1424	ATROPINE/MEMANTINE/OXAMYL/METHOMYL	1545
1425	ATX1/SOD/ANTIOXIDANT GENE	441
1426	AUDITORY PATHWAY/LESIONS/DINITROBENZENE	1342
1505	AUDITORY SYSTEM/CARBON MONOXIDE/GLUTAMATE	1334
926	AURINTRICARBOXYLIC ACID/ENZYME/INHIBITION	1493
1433	AUTOANTIBODY/MERCURY/NEUROTOXICITY	1116
1649	AUTOANTIBODY/LEAD/NEUROTOXICITY	1117
1652	AUTOANTIBODY/CADMIUM/NEUROTOXICITY	1118
1653	AUTOANTIBODY/LEAD/NEUROTOXICITY	1119
114	AUTOANTIBODY/OPIDN/NEUROTOXICITY	1331
109	AUTOIMMUNITY/METHYLMERCURY/T AND B LINEAGE CELLS	1251
335	AUTOIMMUNITY/TCDD/EXTRATHYMIC T-CELLS	1253
234	AUTOMATED/METHEMOGLOBIN/ANALYSIS	1572
1033	AUTOMATED EXPOSURES/EXPOSURE CONTROL/INHALATION EXPOSURES	157
1458	AUTOMATED IMAGE ANALYSIS/REPRODUCTIVE TOXICANTS/RAT SPERM MORPHOMETRY	205
1163	AUTOPROTECTION/TISSUE REPAIR/THIOACETAMIDE	41
453	AVIAN/GLUTATHIONE/ASCORBIC ACID	661
51	AVIAN/ORGANOPHOSPHATES/CHOLINESTERASES	908
52	AVIAN/REPELLENT/AQUATIC	926
68	AVIAN/DYSMORPHOGENESIS/TERATOGENESIS	1503
242	AXIOLYTIC/SEROTININ/REPRODUCTION	576
551	AXON BRANCHING/HIPPOCAMPAL NEURONS/NICOTINE	509
800	AXONAL TRANSPORT/CYTOSKELETON/GLIAL CELLS	3
014	AXONAL TRANSPORT/NEUROTOXICOLOGY/IN VITRO	758
015	AXONAL TRANSPORT/TAXOL/NEUROPATHY	759
016	AXONAL TRANSPORT/ACRYLAMIDE/KINESIN	766
017	AXONOPATHY/DISULFIRAM/CARBON DISULFIDE	763
355	AZARCON/LEAD/FOLK-MEDICINES	896
320	AZOLE ANTIFUNGALS/CYTOTOXICITY/HEPATOCYTES	325
1590	AZOLES/GENE EXPRESSION/EPOXIDE HYDROLASE	89
1483	AZT/PYRIMETHAMINE/ZIDOVUDINE	529
722	B-OXIDATION/LIVER/MITOCHONDRIA	707
718	BACTERIAL/GENOTOXICITY/ASSAY	1285a
855	BACTERIAL CHALLENGE/INTERLEUKIN-1 RECEPTOR ANTAGONIST/HOST RESISTANCE	1403
1666	BAP-COATED PARTICLE/PULMONARY ALVEOLAR MACROPHAGE/METABOLISM	1315
152	BASOLATERAL HG TRANSPORT/PROXIMAL TUBULE/ISOLATED PERFUSED TUBULE	996
661	BATRACYLIN/N-ACETYLATION/GENOTOXICITY	836
1103	BAY K 8644/RABBIT PAPILLARY MUSCLE/RICIN	1487
1110	BCL-2/METHYL MERCURY/FREE RADICAL/OXIDANT INJURY	609
1112	BCL-2 TRANSGENIC MICE/TCDD/THYMIC ATROPHY	1395
1285a	BCOP/IRRITATION/EYE	310
1592	BEHAVIOR/NURSING DISORDER/HORMONE	219
	BEHAVIOR/LIPOPOLYSACCHARIDE/PROSTAGLANDIN	291

BILIARY EPITHELIUM/CELL PROLIFERATION/TRIIODOTHYRONINE	1092
BILIARY EPITHELIUM/HEPATOCYTES/CHARACTERIZATION	1093
BILIARY EXCRETION/METABOLISM/METHACRYLONITRILE	1304
BILIARY EXCRETION/METHYLENE DIANILINE/BILE DUCT INJURY	1445
BILIARY HYPERPLASIA/BILIARY TREE/HEPATOBIILIARY TOXICITY	712
BILIARY OBSTRUCTION/BILIARY EPITHELIUM/HYPERPLASIA	716
BILIARY TREE/HEPATOBIILIARY TOXICITY/BILIARY HYPERPLASIA	712
BILIARY TREE/CHEMICAL INJURY/MORPHOLOGIC RESPONSE	714
BINDING/CLAY/SECALONIC ACID D	790
BINDING/CLAY/CYCLOPIAZONIC ACID	791
BINDING/HEXACHLOROBENZENE/PORPHYRIA	1698
BIOACCUMULATION/LEAD/MINE-ORES	561
BIOACTIVATION/ACETAMINOPHEN/DTP VACCINE	95
BIOACTIVATION/NEPHROTOXICITY/HEPATOTOXICITY	170
BIOACTIVATION/MECHANISM-BASED INACTIVATION/CYTOCHROME P450 2B1	499
BIOACTIVATION/IN VITRO/ANTICHOLINESTERASE	905
BIOACTIVATION/HUMAN LUNG/AFLATOXIN B ₁	1305
BIOALKYLATION/POLYNUCLEAR AROMATIC HYDROCARBONS/METABOLISM	1290
BIOASSAY/GENOTOXICITY/MUTATION	1285b
BIOAVAILABILITY/LEAD/MICROSWINE	560
BIOAVAILABILITY/STOMACH PH/DIDEOXYINOSINE	379
BIOAVAILABILITY/TOXICOKINETICS/CHROMIUM	383
BIOAVAILABILITY/STYRENE/STYRENE OXIDE	390
BIOAVAILABILITY/LEAD/MICROSWINE	560
BIOAVAILABILITY/ABSORBED DOSE/SKIN RESERVOIR	662
BIOAVAILABILITY/BIODEGRADATION/PLASTICS	1659
BIOAVAILABILITY/INDUCTION/BENZO(A)PYRENE	1709
BIOAVAILABLE/COMPOST/TRINITROTOLUENE (TNT)	1636
BIOCHEMICAL EFFECTS/TCDD/FEMALE RATS	1041
BIODEGRADATION/MYCOBACTERIA/PHYLOGENY	1630
BIODEGRADATION/PLASTICS/BIOAVAILABILITY	1659
BIODETOXIFICATION/ORGANOPHOSPHATE HYDROLYSIS/ORGANOPHOSPHORUS HYDROLASE (OPH)	1527
BIODOSIMETRY/BENZENE/ACCELERATOR MASS SPECTROMETRY	1703
BIOLOGIC MARKERS/COVALENT BINDING/ACRYLONITRILE	1406
BIOLOGIC MARKERS/PORPHYRINS/ENVIRONMENTAL TOXICOLOGY	1639
BIOLOGICAL MARKERS/RESPIRATORY/BRONCHOVEOLAR LAVAGE	1663
BIOLOGICAL MONITORING/PARA-NITROPHENOL/NITROBENZENE	1571
BIOLOGY/BILIARY/CELL	713
BIOMARKERS/IGA/SALIVA	13
BIOMARKERS/AQUATIC TOXICOLOGY/CYTOCHROME P-450 1A	114
BIOMARKERS/LEAD/HEME PATHWAY PARAMETERS	253
BIOMARKERS/MIXTURES/CARCINOGENESIS	471
BIOMARKERS/SPHINGOLIPID METABOLISM/FUMONISIN	770
BIOMARKERS/CARBOFURAN/METHYL PARATHION	916
BIOMARKERS/METHYLENEDIPHENYL DIISOCYANATE (MDI)/DISTRIBUTION	1410
BIOMARKERS/PROTEIN ADDUCTS/METHYLENEDIPHENYL DIISOCYANATE (MDI)	1411
BIOMARKERS/GC-MS ANALYSIS/TOULENE DIISOCYANATE (TDI)	1412
BIOMARKERS/HEMOGLOBIN ADDUCTS/PYRROLES	1415
BIOMARKERS/EARTHWORM/GENOTOXICITY	1637
BIOMARKERS/CYTOCHROME P-450/WILDLIFE	1638
BIOMARKERS/IMMUNOSUPPRESSION/CATFISH	1654
BIOMARKERS/FISH/PAHS	1657
BIOMONITORING/HEMOGLOBIN/SULFHYDRYL GROUPS	655
BIOMONITORING/AQUATIC/STRESS PROTEINS	1433
BIOSYNTHESIS/GLUTATHIONE/CELL NUCLEUS	642

BIOTECHNOLOGY/BLOOD PRODUCT/RECOMBINANT	24
BIOTECHNOLOGY/PRÉCLINICAL SAFETY/BRAIN NATRIURETIC PEPTIDE (BNP)	182
BIOTRANSFORMATION, PHASE I/MIXTURES/TOXICOKINETICS	397
BIOTRANSFORMATION/CYTOCHROME P-450/ACETAMINOPHEN	96
BIOTRANSFORMATION/DCVC/b-LYASE	196
BIOTRANSFORMATION/ANQ-3598/TOXICOKINETICS	375
BIOTRANSFORMATION/SOLVENTS/TOXICOKINETICS	380
BIOTRANSFORMATION/ANTIARRHYTHMIC/BRB-I-28	807
BIOTRANSFORMATION/ACETYLAMINOFLUORENE/HEPATOCARCINOGENESIS	848
BIOTRANSFORMATION/METABOLITES/HYDROCHLOROFLUOROCARBONS	1070
BIOTRANSFORMATION/COCAINE/HUMAN FETAL TISSUE	1087
BIOTRANSFORMATION/FLUORINATED ETHERS/CYTOCHROME P-450 2E1	1286
BIOTRANSFORMATION/CHANNEL CATFISH/AFLATOXIN B ₁	1287
BIOTRANSFORMATION/HUMAN TISSUES/SUBJECTS/CYTOCHROME P-450	1307
BIOTRANSFORMATION/OCULAR/ALDOSE REDUCTASE INHIBITORS	1313
BIOTRANSFORMATION/ENDOCRINE SYSTEM/LIVER	1330
BIOTRANSFORMATION/WR-2721/PLATINUM	1707
BIOTRANSFORMATION/NEONATES/SEVOFLURANE	1718
BIOTRANSFORMATION/PHARMACOKINETICS/SMALL INTESTINE	1725
BIOTRANSFORMATION, PHASE 1/BIOTRANSFORMATION, PHASE 2	1303
BIS-(2-CHLOROETHYL) SULFIDE/PSEUDO-EPIDERMIS/WATER PERMEATION BARRIER	343
BIS-(2-CHLOROETHYL) SULFIDE/KERATINOCYTES/DIFFERENTIATION	353
BIS-(2-CHLOROETHYL)-SULFIDE/KERATINOCYTES/CELL CYCLE	352
BISPHENOL A/GENOTOXICITY/ESTROGEN	1270
BISULFITE/NERVE/ANESTHESIA	1348
BLEEDING/JUGULAR VEIN/RATS	862
BLEEDING TIME/GP IIB/IIIA/DMP 728	817
BLOOD CONCENTRATIONS/GAVAGE VOLUME/CHLOROFORM	179
BLOOD GASES/MICROCAPNOMETRY/CARBON DIOXIDE	864
BLOOD LEAD/RISK ASSESSMENT/EXPOSURE MODELING	53
BLOOD LEAD/PREDICTIVE MODELS/RISK ASSESSMENT	57
BLOOD LEAD/CHILDREN/IRON INTAKE	257
BLOOD LEAD/DIETARY CALCIUM/CHILDREN	258
BLOOD LEAD/CHILDREN/DIETARY FAT	893
BLOOD PLASMA, HUMAN/CYSTEINE/GLUTATHIONE	639
BLOOD PRODUCT/RECOMBINANT/BIOTECHNOLOGY	24
BLOOD SUBSTITUTE/CARDIOVASCULAR/HYPOVOLEMIC SHOCK	1477
BLOOD-BRAIN BARRIER/CHELATOR/3-HYDROXYPYRIDIN-4-ONE	1000
BLOOD-BRAIN BARRIER/TRANSPORT/MANGANESE	1108
BLOOD-BRAIN BARRIER/AMINO ACID TRANSPORT SYSTEM L/METHYLMERCURY	1184
BLOOD-BRAIN BARRIER/METHYLMERCURY/GLUTATHIONE	1185
BLOOD-LEAD/TOXICOKINETICS/BONE LEAD	259
BODY COMPOSITION/ADRENERGIC AGONIST/BODY MASS	808
BODY MASS/BODY COMPOSITION/ADRENERGIC AGONIST	808
BODYWEIGHT/INFUSION/RATS	860
BODYWEIGHT/INFUSION/DOG	867
BODYWEIGHT/SURVIVAL/SPRAGUE-DAWLEY RAT	1178
BONE/CHROMIUM/DISTRIBUTION	1003
BONE LEAD/BLOOD-LEAD/TOXICOKINETICS	259
BONE MARROW/BUTADIENE/BUTADIENE MONOXIDE	366
BONE MARROW/THYMUS/T-2 TOXIN	416
BONE METABOLISM/SULFATED POLYSACCHARIDE/OSTEOPOROSIS	1498
BONE REMODELING/HISTOMORPHOMETRY/CADMIUM	1190
BONE RESORPTION/OSTEOCLASTS/CADMIUM	874
BORIC ACID/TESTIS/RECOVERY	270

BOT
 BRAI
 BRAI
 BRAI
 BRAI
 BRAI
 BRAI
 BRAI
 BRB-
 BRB-
 BRDI
 BRE/
 BRE/
 BRIN
 BRO.
 BRO.
 BRO.
 BRO.
 BRO
 BRO
 BRO
 BRO
 BRO
 BRO
 BRO
 BUT
 BUT
 BUT
 BUT
 BUT
 BUT
 BUT
 BUT
 BU
 C-I
 C-N
 C8/
 CA
 CA
 CA.
 CAI
 CAI
 CAI
 CAI
 CAI
 CAI
 CA
 CA
 CA
 CA
 CA

BOTULINUM/INHALATION/AEROSOL/TOXICITY	1670
BRAIN/LEAD/METAL-BINDING PROTEINS	302
BRAIN/METALLOTHIONEIN/GENE EXPRESSION	891
BRAIN/METALS/METALLOTHIONEIN	1111
BRAIN/NCAM/METHYLMERCURY	1114
BRAIN/SEROTONIN/LEAD	1126
BRAIN/DOPAMINE/LEAD	1127
BRAIN NATRIURETIC PEPTIDE (BNP)/BIOTECHNOLOGY/PRECLINICAL SAFETY	182
BRAIN NUCLEI/TCDD/SEXUAL DIFFERENTIATION	731
BRAINSTEM AUDITORY EVOKED POTENTIAL/3,3'-IMINODIPROPIONITRILE/REFLEX MODIFICATION	1363
BRB-I-28/GLG-V-13/TOXICITY	806
BRB-I-28/BIOTRANSFORMATION/ANTIARRHYTHMIC	807
BRDU/CELL PROLIFERATION/PHENOBARBITAL	1569
BREAST CANCER CELLS/ICZ/CYTOCHROME P-450	728
BREAST MILK/TETRACHLOROETHYLENE/PBPK	86
BRIMONIDINE/EYE/MONKEYS	975
BROMOBENZENE/HEPATOTOXICITY/ADRENERGIC ANTAGONISTS	699
BROMOBENZENE/ADDUCTS/ANTIBODIES	1700
BROMODEOXYURIDEINE/S-PHASE/QUANTITATION	1106
BROMODICHLOROACETATE/OXALATE/TRICHLOROACETATE	1464
BROMODICHLOROMETHANE/CHLOROFORM/NEPHROTOXICITY	1075
BROMODICHLOROMETHANE/BROMOFORM/NEPHROTOXICITY	1076
BROMOFORM/NEPHROTOXICITY/BROMODICHLOROMETHANE	1076
BROMOPHENYLACETYLUREA/FUNCTIONAL OBSERVATIONAL BATTERY/NEUROPATHY	1350
BROMOPHENYLACTYLUREA/NEUROPATHY/UBIQUITIN	1357
BROMOTHIOCATECHOL/METHYLATION/METHIONINE/S-ADENOSYLMETHIONINE	372
BRONCHO-ALVEOLAR LAVAGE/OZONE/AGING	1224
BRONCHOVEOLAR LAVAGE/BIOLOGICAL MARKERS/RESPIRATORY	1663
BUTADIENE/CYTOCHROME P-450/SEX-RELATED DIFFERENCES	101
BUTADIENE/BUTADIENE MONOXIDE/BONE MARROW	366
BUTADIENE/BUTADIENE MONOXIDE/SOLVOLYTIC PRODUCTS	367
BUTADIENE/BUTADIENE MONOXIDE/DNA ADDUCTS	854
BUTADIENE/METABOLITES/GC/MS	1413
BUTADIENE EPOXIDE/1,3-BUTADIENE/METABOLISM	1235
BUTADIENE MONOXIDE/BONE MARROW/BUTADIENE	366
BUTADIENE MONOXIDE/SOLVOLYTIC PRODUCTS/BUTADIENE	367
BUTADIENE MONOXIDE/DNA ADDUCTS/BUTADIENE	854
BUTYL NITRITE/NITRITE/DNA DEAMINATION	856
C-HA-RAS/SMOOTH MUSCLE CELLS/BENZO(A)PYRENE	512
C-MYC/CELL PROLIFERATION/NICOTINE	427
C8/PEROXISOME PROLIFERATION/AROMATASE	1163
CADMIUM/ANTICARCINOGENIC/LIVER	38
CADMIUM/TOXICOKINETICS/RISK ASSESSMENT	62
CADMIUM/METALLOTHIONEIN/LUNG	144
CADMIUM/TESTIS/SERTOLI CELL/HSP27/STRESS PROTEIN	269
CADMIUM/CELL PROLIFERATION/HUMAN PLACENTA	425
CADMIUM/GENE MUTATION/OXYGEN RADICALS	849
CADMIUM/ROS 17/2.8/KINETICS	870
CADMIUM/CARDIOMYOCYTES/CALCIUM	871
CADMIUM/ESTERASES/METABOLISM	872
CADMIUM/PEROXISOME/YEAST	873
CADMIUM/BONE RESORPTION/OSTEOCLASTS	874
CADMIUM/SELENIUM/METALLOTHIONEIN	875
CADMIUM/MACROPHAGES/CYTOTOXICITY	876
CADMIUM/IMMUNOTOXICOLOGY/IN VITRO METAL TOXICITY	877

CADMIUM/CYTOSKELETON/THIOL HOMEOSTASIS	880	CANC
CADMIUM/GLUTATHIONE/ANTIOXIDANT	881	CANC
CADMIUM/ETHANOL/TOXICITY	882	CANC
CADMIUM/HUMAN PLACENTA/METALLOTHIONEIN	884	CANC
CADMIUM/GENOTOXICITY/METALLOTHIONEIN	887	CANC
CADMIUM/METALLOTHIONEIN/HEPATOTOXICITY	888	CANC
CADMIUM/CISPLATIN/METALLOTHIONEIN	889	CANT
CADMIUM/NEUROTOXICITY/AUTOANTIBODY	1118	CANT
CADMIUM/DOPAMINE/RELEASE	1120	CANT
CADMIUM/METALLOTHIONEIN/PROTO-ONCOGENE	1189	CARE
CADMIUM/BONE REMODELING/HISTOMORPHOMETRY	1190	CARE
CADMIUM INHIBITOR/CALCIUM/METALLOTHIONEIN	1188	CARE
CADMIUM/VERAPAMIL/HEPATIC CYTOCHROME P450/KETAMINE/ANESTHESIA	878	CARE
CAFFEINE/HEPATOCYTES/DOSE-DEPENDENT HEPATOTOXICITY	697	CARE
CAFFEINE/POLYMORPHISM	1407	CARE
CAFFEINE/HEPATOCYTES/ALLYL ALCOHOL	1454	CARE
CAGED CALCIUM MEDIATORS/IP3/CALCIUM	1497	CARE
CALCIUM/OSTEOCALCIN/LEAD	248	CARB
CALCIUM/LEAD/NEURONS	249	CARB
CALCIUM/NEURONS/TCDD	508	CARE
CALCIUM/MITOCHONDRIA/DOXORUBICIN	596	CARE
CALCIUM/MITOCHONDRIA/QUINONES	614	CARE
CALCIUM/MITOCHONDRIA/MENADIONE	617	CARE
CALCIUM/T-BUTYLHYDROPEROXIDE/MITOCHONDRIA	619	CARE
CALCIUM/ANTIOXIDANT/LIPID PEROXIDATION	621	CARE
CALCIUM/CADMIUM/CARDIOMYOCYTES	871	CARE
CALCIUM/LEAD/ANION	903a	CARE
CALCIUM/NEUTROPHILS/POLYCHLORINATED BIPHENYLS	948	CARE
CALCIUM/IMMUNOTOXICITY/POLYCYCLIC AROMATIC HYDROCARBONS	951	CARE
CALCIUM/SIGNALING/IMMUNOSUPPRESSION	952	CARE
CALCIUM/IMMUNOTOXICITY/POLYCYCLIC AROMATIC HYDROCARBONS	953	CARE
CALCIUM/BERYLLIUM/ANTIBODIES	1012	CARE
CALCIUM/CANCER/PEROXISOMES	1096	CARE
CALCIUM/CENTRAL NERVOUS SYSTEM/METHYLMERCURY	1187	CARE
CALCIUM/METALLOTHIONEIN/CADMIUM INHIBITOR	1188	CARE
CALCIUM/PHOSPHORYLATION/APOPTOSIS	1419	CARE
CALCIUM/APOPTOSIS/THAPSIARGIN	1425	CARC
CALCIUM/CULTURED HEART CELLS/LOCAL ANESTHETICS	1475	CARC
CALCIUM/MITOCHONDRIA/DICHLOROVINYL Cysteine	1490	CARC
CALCIUM/CYANIDE/ACIDOSIS	1491	CARC
CALCIUM/PURINERGIC RECEPTORS/ATP	1492	CARC
CALCIUM/ANOXIA/MITOCHONDRIA	1495	CARC
CALCIUM/CAGED CALCIUM MEDIATORS/IP3	1497	CARC
CALCIUM/GILLS/ALUMINUM	1655	CARC
CALCIUM AND PH/CORNEAL EPITHELIUM/RECOVERY	983	CARC
CALORIC RESTRICTION/CARCINOGENICITY/NUTRITION	932	CARC
CALORIC RESTRICTION/TOXICITY STUDIES/RISK ASSESSMENT	934	CARC
CALORIC RESTRICTION/CHRONIC BIOASSAY/CYTOCHROME P450	935	CARC
CALORIC RESTRICTION/CYTOCHROME P450/DRUG METABOLISM	1174	CARC
CALYCULIN A/PROTEIN PHOSPHATASE/MICROCYSTIN	1094	CARC
CAM KINASE II/DFP/CYTOSKELETAL PROTEINS	1359	CARC
CANCER/ESTROGEN/IGF-I RECEPTOR	457	CARC
CANCER/RISK/CHLORAMBEN	539	CARC
CANCER/RISK/ACETAMIDE	541	CARC
CANCER/HEART DISEASE/ENVIRONMENTAL TOBACCO SMOKE	719	CARC

CANCER/AH RECEPTOR/ANTIESTROGEN	732
CANCER/PEROXISOMES/CALCIUM	1096
CANCER/CHEMOPREVENTION/CARCINOGEN	1388
CANCER POTENCY/STOCHASTIC MODELING/LEAD	543
CANCER RISK/PBPK/CHLOROFORM	542
CANCER RISK/DRINKING WATER/1,3-DICHLOROPROPENE	555
CANINE/QEEG/XYLAZINE	1376
CANINE EXPOSURE/INHALATION TOXICOLOGY/AEROSOL	158
CANNABINOID RECEPTOR/IMMUNE CELLS/DELTA ⁹ -THC	1400
CARBARYL/INHALATION/HUMORAL IMMUNITY	15
CARBARYL/SKIN/ABSORPTION	664
CARBOFURAN/METHYL PARATHION/BIOMARKERS	916
CARBOFURAN/METABOLISM/PESTICIDES	1521
CARBON DIOXIDE/BLOOD GASES/MICROCAPNOMETRY	864
CARBON DISULFIDE/AXONOPATHY/DISULFIRAM	763
CARBON DISULFIDE/CYTOSKELETON/NEUROFILAMENT	764
CARBON DISULFIDE/CROSSLINKING/NEUROFILAMENT	765
CARBON MONOXIDE/GLUTAMATE/AUDITORY SYSTEM	1334
CARBON TETRACHLORIDE/TISSUE REPAIR/DIBENAMINE	40
CARBON TETRACHLORIDE/SENSITIVITY ANALYSIS/PHARMACOKINETICS/TOXICOKINETICS	74
CARBON TETRACHLORIDE/PHARMACOKINETIC MODELING/TRICHLOROETHYLENE	78
CARBON TETRACHLORIDE/TYROSINE/FREE RADICALS	368
CARBON TETRACHLORIDE/GENE EXPRESSION/HYDRAZINE	517
CARBON TETRACHLORIDE/HEPATO PROTECTION/CHOLESTEROL SUCCINATE	678
CARBON TETRACHLORIDE/AET AND LIVER INJURY/LIVER NECROSIS, PREVENTION	1049
CARBON TETRACHLORIDE/CHLOROFORM/VEHICLE	1050
CARBON TETRACHLORIDE/POTENTIATION/HEPATOTOXICITY	1051
CARBON TETRACHLORIDE/HEPATOTOXICITY/RAT STRAIN COMPARISON	1460
CARBON TETRACHLORIDE/TISSUE REPAIR/POSTNATAL DEVELOPMENT	1461
CARBON TETRACHLORIDE/CELL REPLICATION/HEPATOTOXICITY	1463
CARBON TETRACHLORIDE/METHANOL/KUPFFER CELLS	1470
CARBON TETRACHLORIDE/CELL REPLICATION/METHAMPHETAMINE	1469
CARBONYL REDUCTASE/NITROSAMINE/PLACENTA	1310
CARBOXYLESTERASE/IN VITRO KINETICS/NASAL	151
CARBOXYLESTERASE/PYRROLIZIDINE ALKALOID/JACOBINE	1299
CARBOXYLESTERASE/ESTERASE/HYDROLASE B	1300
CARCINOGEN/DNA STRAND BREAKS/ALKALINE ELUTION	840
CARCINOGEN/CANCER/CHEMOPREVENTION	1388
CARCINOGEN POTENCY/4-AMINOBIIPHENYL/BENZIDINE	473
CARCINOGENESIS/GENISTEIN/CHEMOPREVENTION	46
CARCINOGENESIS/IN VITRO/CELL PROLIFERATION	312
CARCINOGENESIS/LIVER/CELL PROLIFERATION	424
CARCINOGENESIS/TEMPERATURE/MITROGENESIS	433
CARCINOGENESIS/ESTROGEN/ANIMAL MODEL	459
CARCINOGENESIS/THYROID/HORMONALLY-MEDIATED	461
CARCINOGENESIS/TUMOR DEVELOPMENT/ISOPRENE	469
CARCINOGENESIS/BIOMARKERS/MIXTURES	471
CARCINOGENESIS/NITROSAMINE/PLANARIA	472
CARCINOGENESIS/P53/TUMOUR-SUPPRESSOR	521
CARCINOGENESIS/P-450 INDUCTION/CELL ACIDIFICATION	677
CARCINOGENESIS/DIETARY RESTRICTION/RAT SURVIVAL	933
CARCINOGENESIS/DICHLOROACETATE/PROTEIN KINASE	960
CARCINOGENESIS/MEDIUM-TERM LIVER/MULTI-ORGAN MODEL	961
CARCINOGENESIS/CELL PROLIFERATION/GENOTOXICITY/LIVER	963
CARCINOGENESIS/MECHANISMS/CHLORINATED PARAFFINS	1056

CATS/HEINZ BODY/ACETAMINOPHEN	809
CATTLE/CHELATORS/LEAD	1001
CC14 TOXICITY INHIBITORS/INDUCERS/AP-1 TRANSCRIPTION FACTOR/ONCOGENE EXPRESSION	515
CC14/RETINOL/LIVER	1468
CC14/LIVER/FLUORESCENCE SPECTROSCOPY	869
CDNA/TCDD/CYTOCHROME P-450	1618
CDNA-EXPRESSION/GENOTOXICITY/CYTOCHROME P-450	498
CELL/BIOLOGY/BILIARY	713
CELL ACIDIFICATION/CARCINOGENESIS/P-450 INDUCTION	677
CELL ADHESION ASSAY/ENDOTHELIAL CELLS/INTERLEUKIN-1	311
CELL CULTURE/INDUCTION/CYTOCHROME P-450	129
CELL CYCLE/FERTILITY ASSAY/TOXICOLOGICAL SCREEN	208
CELL CYCLE/BIS-(2-CHLOROETHYL)-SULFIDE/KERATINOCYTES	352
CELL CYCLE/HEPG2 CELLS/BERBERINE	783
CELL CYCLE/TCDD/PKC	1511
CELL CYCLE ANALYSIS/DIETARY RESTRICTION/AFLATOXIN B ₁	200
CELL DEATH/RENAL PROXIMAL TUBULE/GLYCINE RECEPTOR	190
CELL DEATH/FATTY ACID/LIVER	684
CELL DEATH/LIVER/MITOCHONDRIAL PERMEABILITY TRANSITIO	928
CELL DEATH/PHOSPHOLIPASE A2/KIDNEY	929
CELL DEATH/CYTOPROTECTION/RENAL PROXIMAL TUBULE	930
CELL DEATH/NITRIC OXIDE SYNTHASE/LIVER	931
CELL DEATH/APOPTOSIS/FLOW CYTOMETRY	1160
CELL DENSITY/HUMAN LYMPHOBLASTOID CELLS/TRANSCRIPTION FACTOR KB	449
CELL ENERGY/NMR SPECTROSCOPY/CYANIDE	1332
CELL INJURY/CELL REGENERATION/RENAL PROXIMAL TUBULE	160
CELL INJURY/PROPYLENE GLYCOL/LIPID PEROXIDATION	164
CELL INJURY/OZONE/STRESS PROTEINS	624
CELL INJURY AND DEATH/EXTRACELLULAR ACIDOSIS/RENAL PROXIMAL TUBULE	189
CELL KILLING/ALUMINUM/HEPATOCYTES	1182
CELL NUCLEUS/BIOSYNTHESIS/GLUTATHIONE	642
CELL PROLIFERATION/ROTENONE/TAXOL	39
CELL PROLIFERATION/CARCINOGENESIS/IN VITRO	312
CELL PROLIFERATION/IN VITRO TESTING/TOXICITY	316
CELL PROLIFERATION/TOXICOKINETICS/CHEMICAL MIXTURES	381
CELL PROLIFERATION/CHEMICAL MIXTURES/PBPK	398
CELL PROLIFERATION/PROTEIN SECRETION/SMOOTH MUSCLE CELLS	420
CELL PROLIFERATION/HEPATOTOXICITY/PCNA	421
CELL PROLIFERATION/P34CDC2 KINASE/PHENOBARBITAL	423
CELL PROLIFERATION/CARCINOGENESIS/LIVER	424
CELL PROLIFERATION/HUMAN PLACENTA/CADMIIUM	425
CELL PROLIFERATION/NICOTINE/C-MYC	427
CELL PROLIFERATION/PROPIONIC ACID/FORESTOMACH	429
CELL PROLIFERATION/HEPATOBIILIARY FUNCTION/BILIARY EPITHELIUM	431
CELL PROLIFERATION/LABELLING INDEX/ADRENERGIC	434
CELL PROLIFERATION/CHLOROFORM/INHALATION	435
CELL PROLIFERATION/HYDROQUINONE/KIDNEY	437
CELL PROLIFERATION/TOPOISOMERASES/GENE REGULATION	446
CELL PROLIFERATION/HEPATOCARCINOGENESIS/ESTRADIOL	455
CELL PROLIFERATION/NASAL CARCINOGENESIS/RISK ASSESSMENT	536
CELL PROLIFERATION/RESISTANCE/STYRENE	685
CELL PROLIFERATION/TCDD/HEPATOCYTES	959
CELL PROLIFERATION/FISH/P34CDC2	1067
CELL PROLIFERATION/TRIODOOTHYRONINE/BILIARY EPITHELIUM	1092
CELL PROLIFERATION/CARCINOGENSIS/PEROXISOME PROLIFERATION	1166

CHILD/LEAD ISOTOPES/KINETICS	260
CHILDREN/IRON INTAKE/BLOOD LEAD	257
CHILDREN/BLOOD LEAD/DIETARY CALCIUM	258
CHILDREN/DIETARY FAT/BLOOD LEAD	893
CHIRAL/PESTICIDES/CARCINOGENICITY	1531
CHLORAMBEN/CANCER/RISK	539
CHLORINATED ALICYCLIC INSECTICIDES/GABA RECEPTOR/CATFISH	917
CHLORINATED AZO(XY)BENZENES/TCDD/ANTIESTROGENICITY	1507
CHLORINATED COMPOUNDS/UNCERTAINTY FACTORS/REFERENCE DOSE	1591
CHLORINATED HYDROCARBONS/TOXICITY/COMBUSTION	1648
CHLORINATED PARAFFINS/CARCINOGENESIS/MECHANISMS	1056
CHLORINE/INHALATION/NASAL IRRITATION	1221
CHLOROACETIC ACIDS/CARCINOGENESIS/CELL PROLIFERATION	1168
CHLOROFLUOROCARBONS/FLUOROCARBONS/CARDIAC SENSITISATION	1484
CHLOROFORM/DOSE-RESPONSE/PBPK MODELS	65
CHLOROFORM/DOSIMETRY/PHARMACOKINETIC MODEL	77
CHLOROFORM/RATS/INHALATION	178
CHLOROFORM/BLOOD CONCENTRATIONS/GAVAGE VOLUME	179
CHLOROFORM/CYTOCHROME P-450 2E1/KIDNEY	199
CHLOROFORM/TRICHLOROETHYLENE/INFECTION	418
CHLOROFORM/INHALATION/CELL PROLIFERATION	435
CHLOROFORM/CANCER RISK/PBPK	542
CHLOROFORM/VEHICLE/CARBON TETRACHLORIDE	1050
CHLOROFORM/DOSIMETRY/TOXICOKINETICS	1054
CHLOROFORM/NEPHROTOXICITY/BROMODICHLOROMETHANE	1075
CHLOROFORM/COVALENT BINDING/GLUTATHIONE	1078
CHLOROFORM/INHALATION/WHOLE BODY EXPOSURE/INHALED DOSE	1202
CHLOROFORM/TRICHLOROETHYLENE/MIXTURES	1471
CHLOROPENTAFLUOROBENZENE/DERMAL ABSORPTION/TOXICOKINETICS	675
CHLOROPHENOLS/HEPM CELLS/DEVELOPMENTAL TOXICITY	328
CHLOROSILANES/VAPOR INHALATION/HYDROGEN CHLORIDE	1198
CHLOROSILANES/VAPOR INHALATION/HYDROGEN CHLORIDE	1199
CHLOROTRIFLUOROETHENE/GLUTATHIONE CONJUGATION/HUMAN LIVER	1053
CHLORPROMAZINE/TOXICITY/TCDD	1512
CHLORPYRIFOS/ACETYLCHOLINESTERASE/IN UTERO EXPOSURE	910
CHLORPYRIFOS/THERMOREGULATION/ORGANOPHOSPHATES	1354
CHLORPYRIFOS-OXON/ORGANOPHOSPHATE INHIBITION/ACETYLCHOLINESTERASE INHIBITION	909
CHLORZOXAZONE/IMMUNOINHIBITION/CYTOCHROME P-450	100
CHLORZOXAZONE HYDROXYLATION/CYP2E1/CYTOCHROME P-450 2E1	1561
CHO CELLS/GENETIC TOXICOLOGY/CYTOGENETICS	842
CHOLESTASIS/2,6-DI-T-BUTYL-4-NITROPHENOL/HEPATIC	681
CHOLESTEROL/LIVER/MEMBRANE	1446
CHOLESTEROL SUCCINATE/CARBON TETRACHLORIDE/HEPATO PROTECTION	678
CHOLESTEROL-CONJUGATED/CYTOCHROME P450 2B1/OLIGONUCLEOTIDES	102
CHOLESTYRAMINE/NECROSIS/BILE ACID SEQUESTERANT	1090
CHOLINERGIC/ENZYME ASSAYS/PHARMACOLOGY	1124
CHOLINERGIC MODIFIERS/COCAINE/LOCOMOTOR ACTIVITY	299
CHOLINESTERASE INHIBITION/ISOFEINPHOS METABOLISM/CYTOCHROME P-450 INDUCTION	700
CHOLINESTERASE INHIBITION/MOTOR ACTIVITY/CORRELATION	912
CHOLINESTERASE INHIBITION/FUNCTIONAL BEHAVIOR/PARAOXON	1371
CHOLINESTERASE INHIBITORS/FUNCTIONAL OBSERVATIONAL BATTERY/NEUROTOXICITY SCREENING	906
CHOLINESTERASES/AVIAN/ORGANOPHOSPHATES	908
CHOLINESTERASES/DOG/ELECTRORETINOGRAM	974
CHROMIUM/REFERENCE CONCENTRATION/BENCHMARK DOSE METHOD	59
CHROMIUM/BIOAVAILABILITY/TOXICOKINETICS	383

CHROMIUM/DISTRIBUTION/BONE	1003	CO
CHROMIUM/ANTIOXIDANT SYSTEM/TOXICITY	1005	CO
CHROMIUM/YEAST/DNA REPAIR	1006	CO
CHROMIUM/CARCINOGENESIS/APOPTOSIS	1154	CO
CHROMIUM/ADDUCTS/AMINO ACIDS	1192	CO
CHROMIUM SALTS/OXIDATIVE STRESS/LIPID METABOLITES	1004	CO
CHROMIUM/CHROMATE/CR(VI)/P450/P450IIB/P450IIE/ETHANOL	1007	CO
CHROMOSOME 7/AH RECEPTOR/TCDD	1031	CO
CHROMOSOME ABERRATIONS/INTERACTION/BENZENE	1274	CO
CHROMOSOME DAMAGE/ANEUPLOIDY/TAMOXIFEN	1603	CO
CHROMOSOME PAINTING/ANEUPLOIDY/FLUORESCENCE IN SITU HYBRIDIZATION	8	CO
CHRONIC/ACUTE PHASE/DIMETHYLNITROSAMINE	955	CO
CHRONIC/LIVER/COMMERCIAL HEXANE	1234	CO
CHRONIC BIOASSAY/CYTOCHROME P450/CALORIC RESTRICTION	935	CO
CHRONIC LEAD/GLUTAMATE RELEASE/GABA RELEASE	1128	CO
CHRONIC TOXICITY/INHALATION/COMMERCIAL HEXANE	1233	CO
CHRYOTILE/ASBESTOS FIBERS/SIZE-SELECTED	152	CO
CHRYOTILE ASBESTOS/KEVLAR ARAMID/CELL PROLIFERATION	1668	CO
CIGARETTE SMOKE/EPITHELIAL INJURY/REPAIR/NEUTROPHILS	275	CO
CIGARETTE SMOKE/LUNG CLEARANCE/NITROGEN DIOXIDE	1676	CO
CIGARETTE SMOKE/OVARIAN DNA ADDUCTS/OVARIAN AHH	1677	CO
CIGARETTE SMOKE/INHALATION EXPOSURE/PULMONARY SURFACTANT	1679	CO
CIGARETTE SMOKE/OXIDATIVE DAMAGE/CELLULAR ANTIOXIDANTS	1681	CO
CIGARETTE SMOKE/MITOCHONDRIAL RESPIRATION/LUNG MITOCHONDRIA	1682	CO
CIGARETTE-SMOKE-CONDENSATE/ANIMAL-MODEL/PROMOTION	462	CO
CILIA/TRACHEA/POLYSORBATES	1674	CO
CIPROFIBRATE/ANALOGUES/PEROXISOMES	1097	CO
CIPROFIBRATE/PEROXISOME PROLIFERATION/VITAMIN A	1101	CO
CIPROFIBRATE/PROTEIN CHANGES/LIVER	1162	CO
CISPLATIN/SPERMATOOZOA/DNA ADDUCTS	204	CO
CISPLATIN/METALLOTHIONEIN/CADMIUM	889	CO
CISPLATIN NEPHROTOXICITY/RENAL CORTICAL SLICES/PROXIMAL TUBULE CELLS	183	CO
CLARA CELL NECROSIS/1-NITRONAPHTHALENE/ALL-TRANS-RETINOL	149	CO
CLARA CELLS/CYTOCHROME P450/ETS	115	CO
CLARA CELLS/CYTOTOXICITY/GLUTATHIONE	650	CO
CLAY/SECALONIC ACID D/BINDING	790	CO
CLAY/CYCLOPIAZONIC ACID/BINDING	791	CO
CLINICAL SKIN MILDNESS/HOUSEHOLD CLEANERS/COLORIMETRIC GRADING	1269	CO
CLOFIBRATE/ESTROGENS/DEHP	1164	CO
CLONE/DNA REPAIR/ALKYLATION	859	CO
CLONING/CYTOCHROME P-450/PULMONARY SPECIFIC	104	CO
CLONING/CYTOCHROME P-450/PULMONARY SPECIFIC	497	CO
CLONING/UDP-GLUCURONOSYLTRANSFERASE/ETHANOL	1322	CO
CLONING/AH RECEPTOR/TCDD	1620	CO
CLORINATED PARAFFINS/SUBCHRONIC TOXICITY	1055	CO
CLOPHENTERMINE/MACROPHAGES/PHOSPHOLIPIDOSIS	331	CO
CLOTH/PERCUTANEOUS ABSORPTION/PESTICIDES	348	CO
CLOTH PATCH TECHNIQUES/PESTICIDES/VALIDATION	1660	CO
CNS/CONVULSIONS/ANTIINFLAMMATORY	810	CO
CNS/MERCURIC CHLORIDE/BEHAVIOR	993	CO
COCAETHYLENE/HEPATOTOXICITY/COCAINE	696	CO
COCAINE/LOCOMOTOR ACTIVITY/CHOLINERGIC MODIFIERS	299	CO
COCAINE/95% O ₂ /ELLAGIC ACID	592	CO
COCAINE/FRUCTOSE/OXIDATIVE STRESS	615	CO
COCAINE/COCAETHYLENE/HEPATOTOXICITY	696	CO

COCAINE/HUMAN FETAL TISSUE/BIOTRANSFORMATION	1087
COCAINE/IMMUNOSUPPRESSION/SERUM FACTOR	1240
COCAINE/IMMUNOMODULATION/LIDOCAINE	1241
COCAINE/NEUROENDOCRINE/IMMUNOENHANCEMENT	1242
COCAINE/IMMUNOMODULATION/ETHANOL	1243
COCAINE/IMMUNOSUPPRESSION/METABOLISM	1244
COCAINE/FLOW CYTOMETRY/THYMOCYTE SUBPOPULATIONS	1254c
COCAINE/DEVELOPMENTAL NEUROTOXICITY/PHOSPHOINOSITIDE METABOLISM	1368
COCAINE/PROLACTIN/LYMPHOCYTES	1399
COCAINE/HEART CELL CULTURES/METABOLISM	1473
COCAINE/THIN LAYER CHROMATOGRAPHY/HIGH PRESSURE LIQUID CHROMATOGRAPHY	1565
COCAINE IMMUNOTOXICITY/BETA-IONONE/CYTOCHROME P-450	954
COCHLEA/HAIR CELL/REACTIVE OXYGEN SPECIES	329
COCULTURED CELLS/GAP JUNCTIONS/GROWTH INHIBITION	131
COLLABORATIVE LEARNING/ENHANCED LEARNING/PROBLEM-BASED LEARNING	287
COLLAGEN/AMOSITE ASBESTOS/MESOTHELIAL CELL	1667
COLONOCYTES/GLUTATHIONE/OXIDATIVE INJURY	646
COLONY FORMING UNITS (CFU'S)/RESPIROMETER/PROPAGULE	1629
COLONY SIMULATING FACTOR/INTERLEUKIN-3/CYTOKINE	1556
COLORIMETRIC GRADING/CLINICAL SKIN MILDNESS/HOUSEHOLD CLEANERS	1269
COMBINATION TOXICOLOGY/MIXTURES/INTERACTION	1153
COMBUSTION/CHLORINATED HYDROCARBONS/TOXICITY	1648
COMBUSTION/POLYCYCLIC AROMATIC HYDROCARBONS/PETROLEUM	1658
COMMERCIAL HEXANE/CHRONIC TOXICITY/INHALATION	1233
COMMERCIAL HEXANE/CHRONIC/LIVER	1234
COMPARATIVE/TRIAZOLOPYRIMIDINE SULFONAMIDE/METABOLISM	393
COMPARATIVE/ENVIRONMENTAL POLICY/PRIORITIES	792
COMPARATIVE/TOXICOLOGY/ARSENIC	800
COMPARISON STUDY/SPRAGUE-DAWLEY RATS/SURVIVAL RATES	1176
COMPLEMENT/TRIMELLITIC ANHYDRIDE/LUNG	1611
COMPLEX MIXTURES/HALOGENATED HYDROCARBONS/POLYCYCLIC AROMATIC HYDROCARBONS	1563
COMPOST/TRINITROTOLUENE (TNT)/BIOAVAILABLE	1636
COMPUTER PROGRAM/HAZARDOUS WASTE SITES/CHEMICALS OF CONCERN	1147
CONCENTRATION - LIMIT GUIDELINES/RISK ASSESSMENT/SAFETY ANALYSIS	1151
CONGENER SPECIFIC/PCBS/METHODS	1063
CONJUGATION/2-CHLOROETHANOL/FATTY ACID HALOETHYL ESTER SYNTHASE	1456
CONNEXIN 43/IMMUNOCYTOCHEMISTRY/GAP JUNCTIONS	134
CONNEXIN EXPRESSION/GLUCOCORTICOIDS/GAP JUNCTIONS	133
CONNEXIN43/GAP JUNCTIONS/LINDANE	132
CONTACT ALLERGY/HUMAN MAXIMIZATION TEST/LOCAL LYMPH NODE ASSAY	1255
CONTACT DERMATITIS/MAXIMIZATION TEST/SENSITIZATION TEST	1266
CONTACT HYPERSENSITIVITY/VITAMIN A DIET/LOCAL LYMPH NODE ASSAY	1261
CONTACT HYPERSENSITIVITY/ISOTHIAZOLONES/LYMPH NODE CELL PROLIFERATION	1262
CONTACT HYPERSENSITIVITY/LOCAL LYMPH NODE ASSAY/ORAL MUCOSA	1267
CONTACT SENSITIZATION/HUMANS/SKIN	557
CONTAMINANT TRANSPORT/RISK ASSESSMENT/EXPOSURE ASSESSMENT	546
CONTINUOUS/DOG/INFUSION	868
CONTINUOUS DOSING/TCDD/IN VITRO	1048
CONTINUOUS INFUSION/DEVICES/SAFETY ASSESSMENT	1479
CONVULSIONS/ANTIINFLAMMATORY/CNS	810
COPPER/REACTIVE OXYGEN/HYDROQUINONE	597
COPPER/METALLOTHIONEIN/WILSON'S DISEASE	885
COPPER/NEUROTOXICITY/QUINOLINIC ACID	1129
COPPER-DEFICIENCY/CATALASE/GLUTATHIONE PEROXIDASE	1486
CORE BODY TEMPERATURE/ANIMAL RESTRAINT/INHALATION/NOSE ONLY EXPOSURE	866

CYANOETHYLENE OXIDE/PHARMACOKINETICS/ACRYLONITRILE	76
CYCLIC AMP/LINDANE/UTERINE CONTRACTION	225
CYCLOHEXIMIDE/APOPTOSIS/2-METHOXYETHANOL	1424
CYCLOPENTADIENYL MANGANESE TRIC./LUNG/GLUTATHIONE	1197
CYCLOPHOSPHAMIDE/HEMORRHAGIC CYSTITIS/ACROLEIN MERCAPTURIC ACIDS	369
CYCLOPHOSPHAMIDE/ACROLEIN/MERCAPTURIC ACIDS	370
CYCLOPHOSPHAMIDE/APOPTOSIS/TERATOGENESIS	1422
CYCLOPIAZONIC ACID/BINDING/CLAY	791
CYCLOSPORIN/TOTAL PARENTERAL NUTRITION/NEPHROTOXICITY	1181
CYCLOSPORIN A/RISK ASSESSMENT/IMMUNOTOXICOLOGY	482
CYCLOSPORIN A/PROOXIDANTS/RENAL PROXIMAL TUBULES	613
CYCLOSPORIN A/LEUKOTRIENES/HEPATORENAL	815
CYCLOSPORINE/INTERLEUKIN-6/GLOMERULONEPHRITIS	1402
CYLINDROSPERMOPHOSIN/HEPATOTOXICITY/CYANOBACTERIAL ALKALOID	786
CYNOMOLGUS/ERG C-WAVE MEASUREMENT/RETINAL PIGMENT EPITHELIUM	976
CYNOMOLGUS MONKEYS/L-DOPA/COMT INHIBITOR/DRUG INTERACTION	1367
CYP1A1/GENE REGULATION/REPRESSOR	493
CYP1A1/NEROTOXICITY/AH RECEPTOR	1341
CYP1A2/POLYCYCLIC AROMATIC HYDROCARBONS/INDUCTION	496
CYP2B1/2/PCBS/STRUCTURE-INDUCTION	111
CYP2B1/2/PCBS/STRUCTURE-INDUCTION	120
CYP2E1/ALCOHOL/ETHANOL	1295
CYP2E1/ISONIAZID/CYTOCHROME P450	1302
CYP2E1/CYTOCHROME P-450 2E1/CHLORZOXAZONE HYDROXYLATION	1561
CYP2E1/ACETAMINOPHEN/NEPHROTOXICITY	1689
CYP2K1/RAINBOW TROUT/EMBRYO	105
CYRO INDUCED TOXICITY/HUMAN LIVER SLICES/CYROPRESERVATION, SLICES	1567
CYROPRESERVATION, SLICES/CYRO INDUCED TOXICITY/HUMAN LIVER SLICES	1567
CYSTEINE/GLUTATHIONE/BLOOD PLASMA, HUMAN	639
CYSTEINE/A549/GLUTATHIONE	643
CYSTEINE REGULATION/RAT SMALL INTESTINE/GLUCOSE	644
CYSTEINE S-CONJUGATES/FLUOROALKENES/REACTIVE INTERMEDIATES	360
CYSTIC FIBROSIS/INHALATION/AMILORIDE	830
CYTOCHROME/ATHEROGENESIS/ENDOTHELIAL	1482
CYTOCHROME P-450/METABOLISM/RAT LIVER SLICES	28
CYTOCHROME P-450/LIVER SLICES/TAUROCHOLATE UPTAKE	30
CYTOCHROME P-450/TRICHLOROETHYLENE/PBPK MODELING	67
CYTOCHROME P-450/MICROSOMES/REDUCTION	90
CYTOCHROME P-450/ANTIBODIES/PEPTIDE	92
CYTOCHROME P-450/GLUTATHIONE/BENZODIAZEPINE	94
CYTOCHROME P-450/ACETAMINOPHEN/BIOTRANSFORMATION	96
CYTOCHROME P-450/ALLIGATOR/PHEONOBARBITAL	97
CYTOCHROME P-450/HUMAN/MICROSOMES	98
CYTOCHROME P-450/LIVER/ERYTHROMYCIN	99
CYTOCHROME P-450/CHLORZOXAZONE/IMMUNOINHIBITION	100
CYTOCHROME P-450/SEX-RELATED DIFFERENCES/BUTADIENE	101
CYTOCHROME P-450/VOC/METABOLISM	103
CYTOCHROME P-450/PULMONARY SPECIFIC/CLONING	104
CYTOCHROME P-450/TRANSLATION/ENZYME INDUCTION	106
CYTOCHROME P-450/HUMAN/DIAZEPAM	107
CYTOCHROME P-450/HUMAN/STABILITY	110
CYTOCHROME P-450/HEPATOCYTES/SECOND MESSENGERS	113
CYTOCHROME P-450/PCBS #77/EROD	116
CYTOCHROME P-450/HYDRAZINES/DRUG METABOLISM	118
CYTOCHROME P-450/ALKOXYRESORUFIN ETHERS/PLANTS	122

CYTOCHROME P450 2B1/BIOACTIVATION/MECHANISM-BASED INACTIVATION	499
CYTOCHROME P4502B1/PHENOBARBITAL/MICE	117
CYTOGENETICS/CHO CELLS/GENETIC TOXICOLOGY	842
CYTOKINE/INTERLEUKIN-12/TOXICITY	820
CYTOKINES/AIRWAY INFLAMMATION/ENDOTOXIN	271
CYTOKINES/KERATINOCYTES/UV	339
CYTOKINES/GLIAL FIBRILLARY ACIDIC PROTEIN/TRIMETHYLtin	505
CYTOKINES/NITRIC OXIDE SYNTHASE/GLUTATHIONE	740
CYTOKINES/HEPATOTOXICITY/PARACETAMOL	747
CYTOKINES/MACROPHAGES/HEPATOTOXICITY	748
CYTOKINES/LUNG/METALLOTHIONEIN	749
CYTOKINES/CHEMOTACTIC FACTORS/NEUTROPHILS	750
CYTOKINES/INFLAMMATION/SILICA	751
CYTOKINES/ETHANOL/IMMUNOSUPPRESSION	753
CYTOKINES/SUPERINDUCTION/GENE EXPRESSION	1405
CYTOKINES/LYMPH NODE CELLS/SKIN SENSITIZATION	1606
CYTOKINES/IN VITRO/ALLERGY	1613
CYTOPROTECTION/RENAL PROXIMAL TUBULE/CELL DEATH	930
CYTOPROTECTION/APOPTOSIS/ACETAMINOPHEN	1155
CYTOSKELETAL PROTEINS/CAM KINASE II/DFP	1359
CYTOSKELETON/GLIAL CELLS/AXONAL TRANSPORT	3
CYTOSKELETON/NEUROFILAMENT/CARBON DISULFIDE	764
CYTOSKELETON/CYANOBACTERIA/MICROCYSTIN	787
CYTOSKELETON/THIOL HOMEOSTASIS/CADMIUM	880
CYTOKINE/COLONY SIMULATING FACTOR/INTERLEUKIN-3	1556
CYTOTOXICITY/TISSUE SLICES/TRICHLOROETHYLENE	35
CYTOTOXICITY/PHENYL-2-HYDROXYETHYL CYSTEINE/RENAL PROXIMAL TUBULE	163
CYTOTOXICITY/SUCCINIMIDE/ISOLATED RENAL CELLS	176
CYTOTOXICITY/NEPHROTOXICITY/IMMUNOSUPPRESSANTS	187
CYTOTOXICITY/HEPATOCYTES/AZOLE ANTIFUNGALS	325
CYTOTOXICITY/SKIN KERATINOCYTES/SURFACTANTS	354
CYTOTOXICITY/ONCOGENES/MYCOTOXIN	516
CYTOTOXICITY/GLUTATHIONE/CLARA CELLS	650
CYTOTOXICITY/FLUORESCENCE PROBES/LASER CYTOMETRY	778
CYTOTOXICITY/CADMIUM/MACROPHAGES	876
CYTOTOXICITY/MANGANESE/L-DOPA	1131
CYTOTOXICITY ASSAY/TUMOR NECROSIS FACTOR/PROPIDIUM IODIDE	406
DAPOXETINE/KIDNEY/METABOLISM	192
DAPSONE/HEMOLYTIC ANEMIA/ERYTHROCYTE	361
DATA QUALITY OBJECTIVES/RISK BASED CRITERIA/RISK ASSESSMENT	544
DATABASE/DOSE-RESPONSE	535
DATABASE/PHARMACEUTICALS/REGULATORY	797
DATABASE/PHARMACEUTICALS/CARCINOGENICITY	798
DATABASE/PHARMACEUTICALS/CARCINOGENICITY	799
DCB/UTERINE CONTRACTION/PARTURITION	226
DCVC/b-LYASE/BIOTRANSFORMATION	196
DDS/PLASTICS/PHYSIOLOGIC-PHARMACOKINETIC MODEL	79
DEET/ALPHA 2U-GLOBULIN/KIDNEY LESIONS	175
DEET/DERMAL ABSORPTION/HUMAN VOLUNTEERS	665
DEET/PHARMACOKINETICS/RATS	1717
DEF DEFOLIANT/ORGANOPHOSPHATE/PIPERONYL BUTOXIDE	1520
DEGENERATION/TRIPHENYL PHOSPHITE/VISUAL SYSTEM	1339
DEGRADATION RATE/REMEDIATION/RISK ASSESSMENT	548
DEHP/CLOFIBRATE/ESTROGENS	1164
DEHYDROEPIANDROSTERONE/PEROXISOME PROLIFERATION/TROUT	1171

DIADENOSINE TETRAPHOSPHATE/PC ₁₂ CELLS/2'-CH ₃ -MPTP	1337
DIAGNOSTIC IMAGING/GADOLINIUM/ACUTE TOXICITY	1023
DIAMIDE/FIBEROPTIC SENSORS/EMBRYONIC PH	595
DIATOMS/SILICA/IN VITRO	142
DIAZEPAM/CYTOCHROME P-450/HUMAN	107
DIBENAMINE/CARBON TETRACHLORIDE/TISSUE REPAIR	40
DIBENZO[A, I]PYRENE/DNA-BINDING/DIOL EPOXIDE	838
DICHOLOBENTIL/OLFACTORY FUNCTION/IDPN	297
DICHLOROACETATE/PROTEIN KINASE/CARCINOGENESIS	960
DICHLOROACETATE/METABOLISM/TRICHOLORETHYLENE	1081
DICHLOROACETATE (DCA)/PHARMACOKINETICS/TRICHLOROACETATE (TCA)	382
DICHLOROBENZENE/INTERACTIVE/HEPATOTOXICITY	701
DICHLOROBENZENE/KUPFFER CELLS/SUPEROXIDE	1467
DICHLOROETHYLENE/CYTOCHROME P-450 INHIBITOR/CYTOCHROME P-450 2E1	121
DICHLOROETHYLENE/BILE/TRANSPORTERS	680
DICHLOROETHYLENE/GLUTATHIONE/EPOXIDE	1052
DICHLOROFLUOROSCEIN/TOXICODYNAMICS/REDOX CYCLING	625
DICHLOROMETHANE/DNA-PROTEIN CROSS-LINKS/HEPATOCYTES	324
DICHLOROMETHANE/ENZYME INHIBITION/PBPK	376
DICHLOROVINYL Cysteine/CALCIUM/MITOCHONDRIA	1490
DICHLOROVINYLCYSTEINE/TRICHLOROETHYLENE/SPECIES COMPARISON	1085
DICLOFENAC/HEPATOTOXICITY/COVALENT BINDING	1684
DICLOFENAC/PROTEIN ADDUCTS/LIVER	1685
DIDEOXYCYTIDINE/FETAL/DIDEOXYINOSINE	1721
DIDEOXYINOSINE/BIOAVAILABILITY/STOMACH PH	379
DIDEOXYINOSINE/ANTI-HIV/PLACENTA	525
DIDEOXYINOSINE/DIDEOXYCYTIDINE/FETAL	1721
DIELDRIN/DISPOSITION/7,12-DIMETHYLBENZ[A]ANTHRACENE	710
DIELDRIN/GABA-ACTIVATED CHANNEL/GABA RECEPTOR SUBUNITS	918
DIET/DETOXIFICATION ENZYMES/INDUCTION	49
DIET/DETOXIFICATION ENZYME/INDUCTIONS	50
DIETARY CALCIUM/CHILDREN/BLOOD LEAD	258
DIETARY FAT/BLOOD LEAD/CHILDREN	893
DIETARY LIPIDS/HEPATOTOXICITY/HAMSTER	694
DIETARY PROTEIN/FC AND FEEDER DESIGN/RAT LONGEVITY	1179
DIETARY RESTRICTION/AFLATOXIN B ₁ /CELL CYCLE ANALYSIS	200
DIETARY RESTRICTION/RAT SURVIVAL/CARCINOGENESIS	933
DIETARY SUPPLEMENTS/GERMANIUM TOXICITY/RENAL DYSFUNCTION	565
DIETHYL/DIMETHYL-PHTHALATE/PEROXISOMEPROLIFERATORS/INITIATION/PROMOTION	1170
DIETHYLSTILBESTROL/NEONATAL/CHEMOPREVENTION	45
DIETHYLSTILBESTROL/GAMETOGENESIS/MEIOSIS	210
DIETHYLSTILBESTROL/ESTRADIOL/TUBULIN	458
DIETHYLSTILBESTROL/MTDNA/GENOTOXICITY	1271
DIFFERENTIATION/BIS-(2-CHLOROETHYL)SULFIDE/KERATINOCYTES	353
DIFFERENTIATION/ISSUE SPECIFICITY/GENE EXPRESSION	439
DIFFERENTIATION/DEVELOPMENTAL TOXICITY/N-NITROSO COMPOUNDS	591
DIFFERENTIATION/ORGANOPHOSPHATES/MACROPHAGE/HL-60	1254
DIFFERENTIATION/TCDD/OSTEOBLAST	1508
DIFLUOROMETHYLNITRINE/DFMO/PIROXICAM	811
DIHALOKETENES/ ¹⁹ F-NMR-DETECTION/DNA ADDUCTS	373
DILTIAZEM/GLUTAMATE/EXCITOTOXICITY	1109
DIMETHYL SULFATE/DNA ADDUCTS/UPPER RESPIRATORY TRACT	1216
DIMETHYLBENZ(A)ANTHRACENE/ETHANOL-INDUCED PROMOTION/PHOSPHOLIPIDS & CHOLESTEROL	468
DIMETHYLNITROSAMINE/INFLAMMATION/METALLOTHIONEIN	443
DIMETHYLNITROSAMINE/CHRONIC/ACUTE PHASE	955

DIMETHYLNITROSAMINE/SPLEEN/DNA DAMAGE	1280	DNA
DIMETHYLSELENIDE/SELENIUM METABOLISM/FLAVIN-CONTAINING MONOOXYGENASE	371	DNA
DIMETHYLSULFOXIDE/KIDNEY/CYTOCHROME P-450 2E1	119	DNA
DINITROBENZENE/ADDUCTS/HEMGLOBIN	321	DNA
DINITROBENZENE/AUDITORY PATHWAY/LESIONS	1342	DNA
DINITROBENZENE/ENCEPHALOPATHY/ANTIOXIDANT	1343	DNA
DINITROBENZENE/GLUTATHIONE PEROXIDASE/CU/ZN SUPEROXIDE DISMUTASE	1344	DNA
DIOL EPOXIDE/DIBENZO[A,1]PYRENE/DNA-BINDING	838	DNA
DIOXIN/RECEPTORS/INVERTEBRATE	1027	DNA
DIOXIN/AH-RECEPTOR/ARNT	1033	DNA
DIOXIN/CELL PROLIFERATION/PARTIAL HEPATECTOMY	1513	DNA
DIOXIN/CELL PROLIFERATION/ONCOGENE	1624	DNA
DIOXIN/SLUDGE/RECLAMATION	1642	DNA
DIQUAT/ACETAMINOPHEN/OXIDANT STRESS	607	DNA
DIQUAT/MECHANISMS/PROTEIN OXIDATION	610	DNA
DISPOSITION/METABOLISM/PHARMACOKINETICS	82	DNA
DISPOSITION/7,12-DIMETHYLBENZ[A]ANTHRACENE/DIELDRIN	710	DNA
DISPOSITION/PESTICIDE/ORGANOPHOSPHATES	1529	DNA
DISPOSITION/ACRYLIC ACID/TOXICOKINETICS	1704	DNA
DISPOSITION/ACRYLIC ACID/TOXICOKINETICS	1705	DNA
DISPOSITION/CHANNEL CATFISH/MALACHITE GREEN	1710	DNA
DISPOSITION/CYTOCHROME P-450/PCBS	1711	DNA
DISPOSITION/INHALATION/FIBROSIS	1716	DNA
DISPOSITION/2-[14c] ACRYLONITRILE/SPECIES DIFFERENCE	1719	DOG
DISPOSITION/DERMAL ABSORPTION/SILICONE	1720	DOG
DISPOSITION/BENZYLTRIMETHYLAMMONIUM CHLORIDE/METABOLISM	1722	DOG
DISRUPTED PUBERTAL GROWTH/LEAD/REPRODUCTIVE TOXICITY	256	DOG
DISTRIBUTION/BONE/CHROMIUM	1003	DOG
DISTRIBUTION/TCDD/HUMAN BLOOD	1044	DOM
DISTRIBUTION/BIOMARKERS/METHYLENEDIPHENYL DIISOCYANATE (MDI)	1410	DOM
DISTRIBUTION/MICE/MUCONALDEHYDE	1723	DOM
DISULFIRAM/CARBON DISULFIDE/AXONOPATHY	763	DOM
DISULFIRAM BIOACTIVATION/CYTOCHROME P-450 2A/3A/S-METHYL N,N-DIETHYLTHIOL CARBAMATE	495	DOP,
DISULFIRAM METABOLISM/CYTOCHROME P-450 3A/DITHIOCARBAMATE METABOLISM	494	DOP,
DITHIOCARBAMATE METABOLISM/DISULFIRAM METABOLISM/CYTOCHROME P-450 3A	494	DOP,
DMP 728/BLEEDING TIME/GP IIB/IIIA	817	DOP,
DMPS/URINARY PORPHYRINS/MERCURY	998	DOP,
DMSA/LEAD/NEOMYCIN	1002	DOP,
DNA ADDUCT/O-XYLENE/BENZO(A)PYRENE	1293	DOP,
DNA ADDUCT DOSIMETRY/ACCELERATOR MASS SPECTROMETRY/LOW-DOSE PHARMACOKINETICS	11	DOSI
DNA ADDUCT FORMATION/TRIPHENYLETHYLENE DRUGS/HEPATOCARCINOGENICITY	1599	DOSI
DNA ADDUCTS/CISPLATIN/SPERMATOZOA	204	DOSI
DNA ADDUCTS/DIHALOKETENES/19F-NMR-DETECTION	373	DOSI
DNA ADDUCTS/BUTADIENE/BUTADIENE MONOXIDE	854	DOSI
DNA ADDUCTS/PCR/SEQUENCING	858	DOSI
DNA ADDUCTS/VINYL FLUORIDE/ETHENOGUANINE	1080	DOSI
DNA ADDUCTS/UPPER RESPIRATORY TRACT/DIMETHYL SULFATE	1216	DOSI
DNA ADDUCTS/PREGNANCY/AH LOCUS	1281	DOSI
DNA ADDUCTS/1, 2, 3-TRICHLOROPROPANE/HALOGENATED HYDROCARBONS	1283	DOSI
DNA ADDUCTS/7H-DIBENZO(C,G)CARBAZOLE/ ³² P-POSTLABELING	1284	DOSI
DNA ADDUCTS/HUMAN BIOMONITORING/ ³² P-POSTLABELING	1417	DOSI
DNA ALKYLATION/OXIDATIVE STRESS/MELPHALAN	635	DOSI
DNA BINDING/TCDD/AH RECEPTOR	1026	DOSI
DNA BINDING/METABOLISM OF BAP-COATED PARTICLE/PULMONARY ALVEOLAR MACROPHAGE	1316	DOSI
DNA DAMAGE/SINGLE CELL GEL/IN VIVO TOXICOLOGY	9	DOSI

DNA DAMAGE/PROLIFERATION/ACETAMINOPHEN	430
DNA DAMAGE/MOUSE LIVER/METHYLENE CHLORIDE	1074
DNA DAMAGE/DIMETHYLNITROSAMINE/SPLEEN	1280
DNA DAMAGE/CELL PROLIFERATION/LATENCY TIME	1282
DNA DEAMINATION/BUTYL NITRITE/NITRITE	856
DNA FRAGMENTATION/APOPTOSIS/CYANIDE	1420
DNA FRAGMENTS/APOPTOSIS/THYMOCYTES	1161
DNA METHYLATION/HA-RAS/MOUSE LIVER	514
DNA MODIFICATION/PHOTO-CHEMICAL MAPPING/LMPCR	857
DNA NICKING/HYDROXYL RADICAL/OXIDATIVE DAMAGE	604
DNA RECOMBINATION/DELETIONS/NONMUTAGENIC CARCINOGENS	853
DNA REPAIR/GENOTOXICITY/MUTATION	850
DNA REPAIR/ALKYLATION/CLONE	859
DNA REPAIR/CHROMIUM/YEAST	1006
DNA REPAIR/GENOTOXICITY/TRIHALOMETHANES	1279
DNA REPAIR INHIBITORS/ACETAMINOPHEN/HEPATOCYTES	1285
DNA STRAND BREAKS/ALKALINE ELUTION/CARCINOGEN	840
DNA STRAND BREAKS/ASBESTOS/FREE RADICALS	855
DNA STRAND BREAKS/SELENIUM/ACTIVE OXYGEN	1009
DNA SYNTHESIS/HEPATOCYTES/POLYCYCLIC AROMATIC HYDROCARBONS	1029
DNA-BINDING/DIOL EPOXIDE/DIBENZO[A,1]PYRENE	838
DNA-PROTEIN CROSS-LINKS/HEPATOCYTES/DICHLOROMETHANE	324
DNA-PROTEIN CROSSLINKS/HEXAMETHYLPHOSPHORAMIDE/FORMALDEHYDE	1217
DOG/BODYWEIGHT/INFUSION	867
DOG/INFUSION/CONTINUOUS	868
DOG/ELECTRORETINOGRAM/CHOLINESTERASES	974
DOG/PORPHYRIA/LIVER	1104
DOG HEPATOCYTE/FERROCHELATASE/PORPHYRIN	703
DOMINANT LETHAL/ACRYLAMIDE/GLUTATHIONE	202
DOMOIC ACID/TOXICOKINETICS/NEUROTOXICITY	386
DOMOIC ACID/NEUROPATHOLOGY/NOVEL FLUORESCENT METHOD	510
DOMOIC ACID/AMNESIAC SHELLFISH POISONING/GLUTAMATE	564
DOPAMINE/RELEASE/CADMIUM	1120
DOPAMINE/LEAD/BRAIN	1127
DOPAMINE/DOPAMINE UPTAKE CARRIER/ZINC	1130
DOPAMINE/MDMA/NEUROTOXICITY	1351
DOPAMINE ANTAGONIST/LEUKOCYTES/IMMUNOTOXICITY	1248
DOPAMINE UPTAKE CARRIER/ZINC/DOPAMINE	1130
DOPAMINE/GFAP/AGE-RELATED CHANGES/METHAMPHETAMINE NEUROTOXICITY	1333
DOSE DISTRIBUTION PATTERN/METHOD VALIDATION/INTRANASAL DOSING	156
DOSE RECONSTRUCTION/CHEMICALS/RADIONUCLIDES/SCREENING TOOL	1148
DOSE-DEPENDENT HEPATOTOXICITY/CAFFEINE/HEPATOCYTES	697
DOSE-EFFECT/OZONE/EXTRAPOLATION	1222
DOSE-RESPONSE/PBPK MODELS/CHLOROFORM	65
DOSE-RESPONSE/SKIN TUMOR/LATENCY TIME	465
DOSE-RESPONSE/STOCHASTIC/MODEL	1143
DOSE-RESPONSE/RISK ASSESSMENT/U-SHAPED	1427
DOSE-RESPONSE/RISK ASSESSMENT/TISSUE REPAIR	1432
DOSE-RESPONSE/TCDD/RISK ASSESSMENT	1516
DOSE-RESPONSE/TCDD/RISK ASSESSMENT	1517
DOSE-RESPONSE/SUBCHRONIC/BENCHMARK DOSE	1588
DOSE-RESPONSE MODEL/METHYLMERCURY/DEVELOPMENTAL TOXICITY	61
DOSED FEED/LIVER TOXICITY/BENZOPHENONE	829
DOSIMETRY/PHARMACOKINETIC MODEL/CHLOROFORM	77
DOSIMETRY/TOXICOKINETICS/CHLOROFORM	1054

42	EMETINE/GLYCOLYSIS/CARDIAC TOXICITY	1485
126	ENCEPHALOPATHY/ANTIOXIDANT/DINITROBENZENE	1343
196	ENDOCRINE/POLYCHLORINATED BIPHENYLS/GROWTH	222
112	ENDOCRINE SYSTEM/LIVER/BIOTRANSFORMATION	1330
113	ENDOMETRIUM/CULTURE/CARCINOGENESIS	1141
109	ENDOSULFAN/LOW NOEL/RISK ASSESSMENT	801
187	ENDOTHELIAL/CYTOCHROME/ATHEROGENESIS	1482
155	ENDOTHELIAL CELLS/INTERLEUKIN-1/CELL ADHESION ASSAY	311
189	ENDOTHELIAL CELLS/ELECTRON PARAMAGNETIC RESONANCE/NITROPRUSSIDE	744
158	ENDOTHELIUM/DT-DIAPHORASE/QUINONE OXIDOREDUCTASE	1476
167	ENDOTOXIN/EPITHELIAL CELLS/NEUTROPHILS	244
93	ENDOTOXIN/KUPFFER CELLS/TUMOR NECROSIS FACTOR	247
118	ENDOTOXIN/CYTOKINES/AIRWAY INFLAMMATION	271
174	ENDOTOXIN/KUPFFER CELLS/GLUTATHIONE	645
119	ENDOTOXIN/LIVER/PLATELETS	682
124	ENDOTOXIN/INTERFERON-GAMMA/TNF	944
706	ENDOTOXIN/KUPFFER CELLS/NEUTROPHILS	1452
709	ENDRIN/NEUROTOXICITY/LAZAROID U 74389F (ANTIOXIDANT)	1355
138	ENERGY CHARGE/ALLYL ALCOHOL/ATP	1447
501	ENHANCED LEARNING/PROBLEM-BASED LEARNING/COLLABORATIVE LEARNING	287
594	ENVIRONMENTAL POLICY/PRIORITIES/COMPARATIVE	792
176	ENTEROHEPATIC RECIRCULATION/TOXICOKINETICS/TRICHLOROETHYLENE	83
95	ENVIRONMENT/EDUCATION/RISK ASSESSMENT	290
273	ENVIRONMENT/HYPERSENSITIVITY/PHARMACOGENETICS	1268
117	ENVIRONMENTAL/TOXICOKINETICS/MIXTURES	73
147	ENVIRONMENTAL/PUBLIC HEALTH ASSESSMENT/TRAINING	288
589	ENVIRONMENTAL CHEMICALS/HAZARDOUS WASTE SITES/CHEMICAL MIXTURES	545
623	ENVIRONMENTAL CONTAMINANT/MITOCHONDRIA/CYANIDE	637
503	ENVIRONMENTAL CONTAMINANT/LIVER ULTRASTRUCTURE/PCB CONGENER #77	1459
679	ENVIRONMENTAL MONITORING/STRESS PROTEINS/MOLECULAR BIOMARKERS	1133
180	ENVIRONMENTAL TOBACCO SMOKE/CANCER/HEART DISEASE	719
637	ENVIRONMENTAL TOBACCO SMOKE/ARTERIOSCLEROSIS/ACCELERATION	722
986	ENVIRONMENTAL TOXICOLOGY/BIOLOGIC MARKERS/PORPHYRINS	1639
282	ENZYME/INHIBITION/AURINTRICARBOXYLIC ACID	1493
290	ENZYME ASSAYS/PHARMACOLOGY/CHOLINERGIC	1124
286	ENZYME INDUCTION/CYTOCHROME P-450/TRANSLATION	106
15	ENZYME INHIBITION/PBPK/DICHLOROMETHANE	376
16	ENZYME-LINKED IMMUNOSORBENT ASSAY/COTININE/TOBACCO SMOKE	1562
17	ENZYMES/INDUCTION/LIVER	704
19	EPA GUIDELINES/RISK ASSESSMENT/ARSENIC	52
11	EPICHLOROHYDRIN/HUMAN TISSUES/COVALENT BINDING	1702
18	EPIDEMIOLOGY/HUMAN BIOMONITORING/IMMUNOTOXICOLOGY	481
089	EPIDERMAL GROWTH FACTOR RECEPTOR/PHOSPHOTYROSINE/2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	724
744	EPIDERMIS/DERMAL/CORROSIVITY	340
300	EPIDIDYMS/ESTROGEN/TESTES	209
974	EPITHELIAL BARRIER/PULMONARY/OXIDANT INJURY	1229
317	EPITHELIAL CELLS/NEUTROPHILS/ENDOTOXIN	244
696	EPITHELIAL CELLS/FLOW CYTOMETRY/GLUTATHIONE	1226
609	EPITHELIAL INJURY/REPAIR/NEUTROPHILS/CIGARETTE SMOKE	275
592	EPOXIDE/DICHLOROETHYLENE/GLUTATHIONE	1052
105	EPOXIDE HYDROLASE/AZOLES/GENE EXPRESSION	89
589	EPOXIDE HYDROLASES/GLUTATHIONE CONJUGATION/ISOLATED PERFUSED LIVER	956
1628	ER/SP1 INTERACTION/TRANSCRIPTION/ANTIESTROGEN	47
1028	ERG C-WAVE MEASUREMENT/RETINAL PIGMENT EPITHELIUM/CYNOMOLGUS	976
595	ERGOTS/PROLACTIN/FESCUE	784

116	EVOKED POTENTIALS/TRICHLOROETHYLENE/TRIGEMINAL NERVE	1364
666	EVOKED POTENTIALS/ACUTE INHALATION/SULFURYL FLUORIDE	1373
361	EVOKED POTENTIALS/TEST GUIDELINES/NEUROTOXICITY	1374
015	EXCIPIENTS/SAFETY GUIDELINES/PHARMACEUTICAL INERTS	796
016	EXCITOTOXICITY/LEAD/GLUTAMATE	250
564	EXCITOTOXICITY/DILTIAZEM/GLUTAMATE	1109
600	EXCITOTOXICITY/GLUTAMATE/NMDA	1346
99	EXCITOTOXICITY/MITOCHONDRIA/HUNTINGTON'S DISEASE	1574
897	EXCITOTOXICITY/NEUROTOXINS/FREE RADICALS	1575
633	EXCITOTOXICITY/NEURODEGENERATION/CYANIDE	1577
300	EXCITOTOXINS/NEURODEGENERATIVE DISEASES/NEUROTOXICITY	1573
872	EXCRETION/P-GLYCOPROTEIN/BILE	1439
455	EXCRETION/TAMOXIFEN/P-GLYCOPROTEIN	1596
458	EXCRETION/METABOLISM/PENTACHLOROANISOLE	1714
072	EXCRETION/TETRACHLOROAZOBENZENE/TETRACHLOROAZOXYBENZENE	1724
523	EXPOSURE/SMELTER EMISSIONS/LEAD	58
066	EXPOSURE/HAZARD/RISK	1146
209	EXPOSURE ASSESSMENT/CONTAMINANT TRANSPORT/RISK ASSESSMENT	546
454	EXPOSURE ASSESSMENT/METALS/RISK ASSESSMENT	553
456	EXPOSURE ASSESSMENT/SEAFOOD CONSUMPTION/FLORIDA	563
457	EXPOSURE ASSESSMENT/PULMONARY TOXICITY/POLYALKYLENE GLYCOL (PAG)	1673
459	EXPOSURE CONTROL/INHALATION EXPOSURES/AUTOMATED EXPOSURES	157
693	EXPOSURE LIMITS/OCCUPATIONAL/PHARMACEUTICALS	1152
270	EXPOSURE MODELING/BLOOD LEAD/RISK ASSESSMENT	53
441	EXPOSURE SURVEY/RISK ASSESSMENT/RECREATIONAL EXPOSURES	550
112	EXPOSURE-RESPONSE/TOLUENE/TETRACHLOROETHYLENE	1584
227	EXPOSURE-RESPONSE/TETRACHLOROETHYLENE/MODELING ERROR	1585
730	EXPRESSION/AH RECEPTOR/TCDD	1032
066	EXTRACELLULAR ACIDOSIS/RENAL PROXIMAL TUBULE/CELL INJURY AND DEATH	189
729	EXTRAPOLATION/DOSE-EFFECT/OZONE	1222
058	EXTRAPOLATION/RISK ASSESSMENT/ACRYLAMIDE	1586
164	EXTRATHYMIC T-CELLS/AUTOIMMUNITY/TCDD	1253
533	EYE/DRAIZE/IN VITRO	309
394	EYE/BCOP/IRRITATION	310
690	EYE/MONKEYS/BRIMONIDINE	975
753	EYE/MONKEYS/OFLOXACIN	977
12	EYE/TETRACHLORVINPHOS/OCULAR	978
7	EYE/IRRITATION/CORNEAL THICKNESS	984
3	EYE/IN VITRO/DRAIZE	987
6	EYE/IN VITRO ALTERNATIVES/OCULAR IRRITATION	988
5	EYE IRRITATION/NEW METHOD/CORNEAL THICKNESS	985
12	EYE IRRITATION/IN VITRO/ECETOC CHEMICALS	986
397	FANCONI SYNDROME/MALEIC ACID/AMINO ACID TRANSPORT	191
524	FATTY ACID/LIVER/CELL DEATH	684
468	FATTY ACID HALOETHYL ESTER SYNTHASE/CONJUGATION/2-CHOLOROETHANOL	1456
080	FATTY ACID HYDROXYLATION/CYTOCHROME P-450/HUMAN LIVER	1309
211	FATTY ACID OXIDATION/PEROXISOME PROLIFERATORS/GEMFIBROZIL	1098
387	FATTY ACID-BINDING PROTEIN/PERFLUORODECANOIC ACID/ACYL-COA BINDING PROTEIN	1099
81	FC AND FEEDER DESIGN/RAT LONGEVITY/DIETARY PROTEIN	1179
81	FELINE IMMUNODEFICIENCY VIRUS (FIV)/ASTROGLIA/GLUTATHIONE	1347
384	FEMALE/REPRODUCTIVE/TOXICOLOGY	224
667	FEMALE/TOXICOKINETICS/TCDD	1042
236	FEMALE RATS/BIOCHEMICAL EFFECTS/TCDD	1041
115	FENTHION/RECEPTOR FUNCTION/RETINA	980
678	FERRETS/TOBACCO SMOKE/GLUTATHIONE S-TRANSFERASES SUBUNITS	1326

FERROCHELATASE/PORPHYRIN/DOG HEPATOCYTE	703	FOREST
FERTILITY ASSAY/TOXICOLOGICAL SCREEN/CELL CYCLE	208	FOREST
FERTILIZATION/3,3',4,4'-TETRACHLOROBIPHENYL/REPRODUCTION	223	FORMA
FESCUE/ERGOTS/PROLACTIN	784	FORMAJ
FETAL/MICROSOMAL EPOXIDE HYDROLASE/HUMAN	587	FRACTA
FETAL/BENZO(A)PYRENE/HEMATOPOIETIC	1559	FREE RA
FETAL/DIDEOXYINOSINE/DIDEOXYCYTIDINE	1721	FREE RA
FETAL ALCOHOL SYNDROME/THYMUS/IMMUNOTERATOLOGY	1245	FREE RA
FETAX/DEVELOPMENTAL TOXICITY/INTER-LABORATORY VALIDATION	590	FREE RA
FIBER/LUNG/RETENTION	141	FREE RA
FIBEROPTIC SENSORS/EMBRYONIC PH/DIAMIDE	595	FREE RA
FIBERS/FRACTAL DIMENSION/SURFACE AREA	140	FREE RAJ
FIBERS/CARCINOGENICS/INHALATION	1665	FREE RAJ
FIBERS/PARTICLES/SILICON CARBIDE WHISKERS/MESOTHELIOMA	1664	FREE RAJ
FIBROSIS/DISPOSITION/INHALATION	1716	FRUCTOS
FIBROUS AEROSOL/POTASSIUM OCTATITANATE/INHALATION TOXICOLOGY	1672	FUMONIS
FISCHER 344 RAT/PARTICLE/UPPER RESPIRATORY TRACT	143	FUMONIS
FISCHER RATS/1, 3, 5-TRINITROBENZENE/SUBCHRONIC TOXICITY	388	FUMONIS
FISH/P34CDC2/CELL PROLIFERATION	1067	FUMONIS
FISH/IMMUNOTOXICOLOGY/METALS	1254a	FUMONIS
FISH/ACETYLCHOLINESTERASE/PARAOXON	1519	FUMONIS
FISH/P-450 1A1 INDUCTION/PAHS	1650	FUMONIS
FISH/PAHS/BIOMARKERS	1657	FUNCTION
FLAVIN-CONTAINING MONOOXYGENASE/DIMETHYLSELENIDE/SELENIUM METABOLISM	371	FUNCTION
FLAVONE/CYTOCHROME P-450/INHIBITION	1036	FUNCTION
FLAVONOID/THYROID HORMONES/GOLTROGEN	1294	FUNCTION
FLORIDA/EXPOSURE ASSESSMENT/SEAFOOD CONSUMPTION	563	FUNCTION
FLOW CYTOMETRY/IMMUNOMODULATION/HALOGENATED HYDROCARBONS	19	FUNCTION
FLOW CYTOMETRY/T-LYMPHOCYTES/LEAD	949	FUNGAL CI
FLOW CYTOMETRY/CELL DEATH/APOPTOSIS	1160	FUNGICIDE
FLOW CYTOMETRY/GLUTATHIONE/EPITHELIAL CELLS	1226	G-GLUTAM
FLOW CYTOMETRY/NK CELL/ETHANOL	1246	GABA RECI
FLOW CYTOMETRY/2-METHOXYETHANOL/THYMOCYTES	1252	GABA RECI
FLOW CYTOMETRY/THYMOCYTE SUBPOPULATIONS/COCAINE	1254c	GABA RELE
FLOW CYTOMETRY/LYMPHOCYTE/LOCAL LYMPH NODE ASSAY	1257	GABA-A CH
FLOW CYTOMETRY/MYCOTOXIN/PROGRAMMED CELL DEATH	1423	GABA-ACTI
FLUORESCENCE IN SITU HYBRIDIZATION/CHROMOSOME PAINTING/ANEUPLOIDY	8	GADOLINIU
FLUORESCENCE PROBES/LASER CYTOMETRY/CYTOTOXICITY	778	GADOLINIU
FLUORESCENCE RATIO IMAGING/INTRACELLULAR CALCIUM/CORNEAL EPITHELIAL CELLS	356	GALACTOS
FLUORESCENCE RATIO IMAGING/INTRACELLULAR PH/CORNEAL EPITHELIUM	357	GALLIUM A
FLUORESCENCE SPECTROSCOPY/CCl ₄ /LIVER	869	GAMETOGE
FLUORINATED ETHERS/CYTOCHROME P-450 2E1/BIOTRANSFORMATION	1286	GAP JUNCTI
FLUOROALKENES/REACTIVE INTERMEDIATES/CYSTEINE S-CONJUGATES	360	GAP JUNCTI
FLUOROCARBONS/CARDIAC SENSITISATION/CHLOROFLUOROCARBONS	1484	GAP JUNCTI
FLUOROMETRIC DETECTION/SUBUNIT ANALYSIS/GLUTATHION S-TRANSFERASE	1327	GAP JUNCTI
FLUVOXAMINE/ACETAMINOPHEN/CYTOCHROME P-450	130	GAP JUNCTI
FOB/MOTOR ACTIVITY/NEUROTOXINS	1378	GAP JUNCTI
FOCAL GROWTH/CARCINOGENESIS/SIMULATION	1144	GAP JUNCTI
FOE 5043/LIVER/THYROXINE	1535	GAP JUNCTI
FOLATE/RETINA/METHANOL	979	GAP JUNCTI
FOLATE/MICE/METHANOL	1451	GAP JUNCTI
FOLK-MEDICINES/AZARCON/LEAD	896	GAP-43/ACRY
FOLLICULAR DEVELOPMENT/REPRODUCTIVE SYSTEM/OOCYTE DESTRUCTION	213	GAS CHROMA
FOLPET TECHNICAL/INHALATION/PERCHLOROMETHYL MERCAPTAN	1662	GAS UPTAKE/
FOODS/CORN/FUMONISIN	776	GASES/VAPOI

703	FORESTOMACH/STYRENE OXIDE/LABELING INDEX	428
208	FORESTOMACH/CELL PROLIFERATION/PROPIONIC ACID	429
223	FORMALDEHYDE/AIRWAYS/AIRWAY SMOOTH MUSCLE	965
784	FORMALDEHYDE/DNA-PROTEIN CROSSLINKS/HEXAMETHYLPHOSPHORAMIDE	1217
587	FRACTAL DIMENSION/SURFACE AREA/FIBERS	140
559	FREE RADICAL SCAVENGERS/PARAQUAT/IN VITRO TOXICOLOGY	1525
721	FREE RADICAL/OXIDANT INJURY/BCL-2/METHYL MERCURY	609
245	FREE RADICALS/CARBON TETRACHLORIDE/TYROSINE	368
590	FREE RADICALS/DNA STRAND BREAKS/ASBESTOS	855
141	FREE RADICALS/PENTACHLOROPHENOL/PEROXIDASE	1077
595	FREE RADICALS/METHANOL/LIVER TRANSPLANTATION	1466
140	FREE RADICALS/EXCITOTOXICITY/NEUROTOXINS	1575
565	FREE RADICALS/ANTIOXIDANT/PHENOLS	1579
564	FREE RADICALS/LIPID PEROXIDATION/IRON	1580
716	FRUCTOSE/OXIDATIVE STRESS/COCAINE	615
572	FUMONISIN/BIOMARKERS/SPHINGOLIPID METABOLISM	770
143	FUMONISIN/SPHINGOLIPID/LLC-PK ₁ CELL	772
388	FUMONISIN/AFLATOXIN/LIVER SLICES	773
067	FUMONISIN/TOXICITY/KIDNEY	774
54a	FUMONISIN/KIDNEY/RABBIT	775
519	FUMONISIN/FOODS/CORN	776
650	FUMONISIN B1/SPHINGOLIPID/CATFISH	771
657	FUNCTIONAL BEHAVIOR/PARAOXON/CHOLINESTERASE INHIBITION	1371
371	FUNCTIONAL ENDPOINTS/ORGANOPHOSPHATES/MUSCARINIC RECEPTORS	907
036	FUNCTIONAL OBSERVATIONAL BATTERY/NEUROTOXICITY SCREENING/CHOLINESTERASE INHIBITORS	906
294	FUNCTIONAL OBSERVATIONAL BATTERY/NEUROTOXICITY/CARPETS	971
563	FUNCTIONAL OBSERVATIONAL BATTERY/NEUROPATHY/BROMOPHENYLACETYLUREA	1350
19	FUNCTIONAL OBSERVATIONAL BATTERY/NEUROPATHOLOGY/MOTOR ACTIVITY	1379
949	FUNGAL CONTAMINATION/TOXICITY TESTING/EMBRYO LARVAL	1628
160	FUNGICIDE/TESTES/SPERMATOGENESIS	267
226	G-GLUTAMYL CYSTEINE SYNTHETASE/MOLECULAR CLONING/MICE	641
246	GABA RECEPTOR/CATFISH/CHLORINATED ALICYCLIC INSECTICIDES	917
252	GABA RECEPTOR SUBUNITS/DIELDRIN/GABA-ACTIVATED CHANNEL	918
54c	GABA RELEASE/CHRONIC LEAD/GLUTAMATE RELEASE	1128
257	GABA-A CHLORIDE CHANNELS/LINDANE/HIPPOCAMPAL NEURONS	507
423	GABA-ACTIVATED CHANNEL/GABA RECEPTOR SUBUNITS/DIELDRIN	918
8	GADOLINIUM/ULTRASTRUCTURE/MICROANALYSIS	243
8	GADOLINIUM/ACUTE TOXICITY/DIAGNOSTIC IMAGING	1023
6	GALACTOSAMINE/HEPATOTOXICITY/MACROPHAGES	1449
7	GALLIUM ARSENIDE/INDIUM ARSENIDE/RENAL ACTIVITY	1018
9	GAMETOGENESIS/MEIOSIS/DIETHYLSTILBESTROL	210
36	GAP JUNCTIONS/GROWTH INHIBITION/COCULTURED CELLS	131
360	GAP JUNCTIONS/LINDANE/CONNEXIN43	132
484	GAP JUNCTIONS/CONNEXIN EXPRESSION/GLUCOCORTICOIDS	133
327	GAP JUNCTIONS/CONNEXIN 43/IMMUNOCYTOCHEMISTRY	134
130	GAP JUNCTIONS/TUMOR PROMOTERS/PHOSPHORYLATION	135
378	GAP JUNCTIONS/PHTHALATES	136
144	GAP JUNCTIONS/LEAD (PB)/TCDD	137
1535	GAP JUNCTIONS/OCTANOL/DRUG RESISTANCE	138
979	GAP JUNCTIONS/VITAL FLUORESCENCE/MITOCHONDRIAL MEMBRANE POTENTIAL	139
1451	GAP JUNCTIONS/PYRETHROID INSECTICIDES/DYE-TRANSFER ASSAY	689
896	GAP-43/ACRYLAMIDE/PERIPHERAL NEUROPATHY	451
213	GAS CHROMATOGRAPHY/ANALYSIS/LIPID PEROXIDATION	629
1662	GAS UPTAKE/HALON REPLACEMENTS/PBPK	1660
776	GASES/VAPORS/TOXICOKINETICS/MIXTURES	71

GASOLINE/ESTROGEN/HEPATOCYTES	1441	GILL
GASOLINE OXYGENATE/METHYL TERT-BUTYL ETHER (MTBE)/PERCUTANEOUS ABSORPTION	336	GLG-
GASTRIC SIMULATION/LEAD BIOAVAILABILITY/IN VITRO	559	GLIA
GAVAGE VOLUME/CHLOROFORM/BLOOD CONCENTRATIONS	179	GLIA
GC-MS ANALYSIS/TOULENE DIISOCYNATE (TDI)/BIOMARKERS	1412	GLIAI
GC/MS/BUTADIENE/METABOLITES	1413	GLOM
GCMS/MICRODIALYSIS/HYDROXYL RADICALS	630	GLTA
GEMFIBROZIL/FATTY ACID OXIDATION/PEROXISOME PROLIFERATORS	1098	GLUC
GENE EXPRESSION/EPOXIDE HYDROLASE/AZOLES	89	GLUC
GENE EXPRESSION/DIFFERENTIATION/TISSUE SPECIFICITY	439	GLUC
GENE EXPRESSION/PEROXISOME PROLIFERATOR/PERFLUORODECANOIC ACID	440	GLUC
GENE EXPRESSION/NUCLEAR RECEPTORS/SEIZURES - LINDANE	448	GLUC
GENE EXPRESSION/RADIATION/INTERLEUKIN-1	452a	GLUC
GENE EXPRESSION/HEPATOCYTES/CYTOCHROME P-450	492	GLUC
GENE EXPRESSION/HYDRAZINE/CARBON TETRACHLORIDE	517	GLUC
GENE EXPRESSION/S-BR-(DIGSYL)HO/HISTONE MRNA	653	GLUC
GENE EXPRESSION/BENZENE/LYMPHOCYTE	746	GLUC
GENE EXPRESSION/TRICOTHECENES/INTERLEUKINS	754	GLUC
GENE EXPRESSION/INTERLEUKIN/MYCOTOXIN	757	GLUT
GENE EXPRESSION/BRAIN/METALLOTHIONEIN	891	GLUT
GENE EXPRESSION/MERCURY/ALPHA-ACID GLYCOPROTEIN	995	GLUT
GENE EXPRESSION/TCDD/AH RECEPTOR	1024	GLUT
GENE EXPRESSION/LEAD/GLIAL	1125	GLUT
GENE EXPRESSION/CYTOKINES/SUPERINDUCTION	1405	GLUT
GENE EXPRESSION/SMOKE, PASSIVE/LUNG TOXICITY	1680	GLUT
GENE INDUCTION/STRESS GENES/MOLECULAR ENDPOINT	452	GLUT
GENE INDUCTION/STRESS PROTEINS/HEAT SHOCK PROTEINS	1134	GLUT
GENE MUTATION/OXYGEN RADICALS/CADMIUM	849	GLUT
GENE REGULATION/CELL PROLIFERATION/TOPOISOMERASES	446	GLUT
GENE REGULATION/REPRESSOR/CYP1A1	493	GLUT
GENE REGULATION/GLUCURONIDATION/UDP-GLUCURONOSYL TRANSFERASE	1323	GLUT
GENERAL TOXICOLOGY/RWJ-22164/TOLYLYTIC AGENT	832	GLUT
GENETIC INSTABILITY/T47D CELLS/TCDD	733	GLUT
GENETIC POLYMORPHISM/AGONIST AFFINITY/AH RECEPTOR	1030	GLUT
GENETIC TOXICOLOGY/CYTOGENETICS/CHO CELLS	842	GLUT
GENISTEIN/CHEMOPREVENTION/CARCINOGENESIS	46	GLUT
GENOTOXICITY/CYTOCHROME P-450/CDNA-EXPRESSION	498	GLUT
GENOTOXICITY/BATRACYLIN/N-ACETYLATION	836	GLUT
GENOTOXICITY/MUTATION/DNA REPAIR	850	GLUT
GENOTOXICITY/VALIDATION STUDY/MUTAGENICITY	851	GLUT
GENOTOXICITY/METALLOTHIONEIN/CADMIUM	887	GLUT
GENOTOXICITY/ESTROGEN/BISPHENOL A	1270	GLUT
GENOTOXICITY/DIETHYLSTILBESTROL/MTDNA	1271	GLUT
GENOTOXICITY/MICRONUCLEUS/IN VIVO	1272	GLUT
GENOTOXICITY/AMES ASSAY/MUTAGENICITY	1273	GLUT
GENOTOXICITY/TRIHALOMETHANES/DNA REPAIR	1279	GLUT
GENOTOXICITY/MUTATION/BIOASSAY	1285b	GLUT
GENOTOXICITY/ASSAY/BACTERIAL	1285a	GLUT
GENOTOXICITY/TAMOXIFEN/DRUGS	1601	GLUT
GENOTOXICITY/BIOMARKERS/EARTHWORM	1637	GLUT
GENOTOXICITY/SEDIMENTS/PAHS	1656	GLUT
GENOTOXICITY/QUERCETIN/MECHANISMS OF DNA DAMAGE	841	GLUT
GENTAMICIN/HISTOPATHOLOGY/RATS	814	GLUT
GERMANIUM TOXICITY/RENAL DYSFUNCTION/DIETARY SUPPLEMENTS	565	GLUT
GESTATION/SALICYLATE/MATERNAL REPRODUCTIVE	217	GLUT

GILLS/ALUMINUM/CALCIUM	1655
GLG-V-13/TOXICITY/BRB-I-28	806
GLIAL/GENE EXPRESSION/LEAD	1125
GLIAL CELLS/AXONAL TRANSPORT/CYTOSKELETON	3
GLIAL FIBRILLARY ACIDIC PROTEIN/TRIMETHYLtin/CYTOKINES	505
GLOMERULONEPHRITIS/CYCLOSPORINE/INTERLEUKIN-6	1402
GLTATHIONE/EPOXIDE/DICHLOROETHYLENE	1052
GLUCOCORTICOID EFFECTS/HEPATOMA CELLS/LEAD	252
GLUCOCORTICOIDS/GAP JUNCTIONS/CONNEXIN EXPRESSION	133
GLUCOCORTICOIDS/IMMUNOSUPPRESSION/APOPTOSIS	1158
GLUCONEOGENESIS/APPETITE SUPPRESSION/TCDD	1505
GLUCOSE/CYSTEINE REGULATION/RAT SMALL INTESTINE	644
GLUCOSE TRANSPORT/TCDD/ADIPOSE TISSUE	1035
GLUCOSE TRANSPORT/PEROXISOME PROLIFERATORS/PERFLUOROCARBOXYLIC ACIDS	1079
GLUCOSE-REGULATED PROTEINS/STRESS PROTEINS/HEAT SHOCK PROTEINS	1132
GLUCURONIDATION/UDP-GLUCURONOSYL TRANSFERASE/THYROXINE	1321
GLUCURONIDATION/UDP-GLUCURONOSYL TRANSFERASE/GENE REGULATION	1323
GLUCURONIDES/BILE/NICOTINE	1706
GLUTAMATE/EXCITOTOXICITY/LEAD	250
GLUTAMATE/DOMOIC ACID/AMNESIAC SHELLFISH POISONING	564
GLUTAMATE/EXCITOTOXICITY/DILTIAZEM	1109
GLUTAMATE/AUDITORY SYSTEM/CARBON MONOXIDE	1334
GLUTAMATE/NMDA/EXCITOTOXICITY	1346
GLUTAMATE RELEASE/ALUMINUM/LONG-TERM POTENTIATION	506
GLUTAMATE RELEASE/GABA RELEASE/CHRONIC LEAD	1128
GLUTAMINE SYNTHETASE/GLUTATHIONE/PROTEIN OXIDATION	599
GLUTARALDEHYDE/ACUTE TOXICITY/IRRITANCY	672
GLUTARALDEHYDE/SENSORY IRRITATION/HYPERSENSITIVITY	1208
GLUTARALDEHYDE/GENOTOXICITY	1276
GLUTATHION S-TRANSFERASE/FLUOROMETRIC DETECTION/SUBUNIT ANALYSIS	1327
GLUTATHIONE/PHARMACOKINETICS/TOXICOKINETICS/ARSENIC	68
GLUTATHIONE/BENZODIAZEPINE/CYTOCHROME P-450	94
GLUTATHIONE/p-AMINOPHENOL/NEPHROTOXICITY	181
GLUTATHIONE/DOMINANT LETHAL/ACRYLAMIDE	202
GLUTATHIONE/SPERM/ACRYLAMIDE	203
GLUTATHIONE/PHENYTOIN/EMBRYO CULTURE	589
GLUTATHIONE/PROTEIN OXIDATION/GLUTAMINE SYNTHETASE	599
GLUTATHIONE/OXIDATIVE STRESS/HYPOXIA	611
GLUTATHIONE/PULMONARY ABSORPTION/NITROGEN DIOXIDE	618
GLUTATHIONE/BLOOD PLASMA, HUMAN/CYSTEINE	639
GLUTATHIONE/CELL NUCLEUS/BIOSYNTHESIS	642
GLUTATHIONE/CYSTEINE/A549	643
GLUTATHIONE/ENDOTOXIN/KUPFFER CELLS	645
GLUTATHIONE/OXIDATIVE INJURY/COLONOCYTES	646
GLUTATHIONE/LASER CYTOMETRY/GLUTATHIONE S-TRANSFERASE	647
GLUTATHIONE/MACULAR DEGENERATION/AGING	648
GLUTATHIONE/AIRWAYS/LUNG	649
GLUTATHIONE/CLARA CELLS/CYTOTOXICITY	650
GLUTATHIONE/NEPHROTOXICITY/TERT-BUTYL-HYDROXYANISOLE	651
GLUTATHIONE/NEUROTOXICITY/ α -METHYLDOPAMINE	654
GLUTATHIONE/REPRODUCTION/4-VINYL-1-CYCLOHEXENE DIEPOXIDE	656
GLUTATHIONE/ALDEHYDES/STRUCTURE-ACTIVITY RELATIONSHIP	658
GLUTATHIONE/ACRYLATES/IN-VITRO	659
GLUTATHIONE/MICROTUBULE/OOCYTE	660
GLUTATHIONE/ASCORBIC ACID/AVIAN	661

GLUTATHIONE/IN VITRO/HEPATOTOXICITY	695
GLUTATHIONE/QUINOLINE/8-HYDROXYQUINOLINE	702
GLUTATHIONE/CYTOKINES/NITRIC OXIDE SYNTHASE	740
GLUTATHIONE/UTP POOLS/MICROTUBULES	879
GLUTATHIONE/ANTIOXIDANT/CADMIUM	881
GLUTATHIONE/ACCUMULATION/CH ₃ HG ⁺ -RESISTANT CELL LINE	994
GLUTATHIONE/ACTIVE OXYGEN/SELENITE	1008
GLUTATHIONE/REDOX/ARSENIC	1014
GLUTATHIONE/ERYTHROCYTE/ARSENIC	1015
GLUTATHIONE/ERYTHROCYTE/ARSENIC	1016
GLUTATHIONE/THIN-LAYER CHROMATOGRAPHY/ARSENIC	1017
GLUTATHIONE/MONOCHLOROACETIC ACID/ASTROCYTES	1057
GLUTATHIONE/CHLOROFORM/COVALENT BINDING	1078
GLUTATHIONE/BLOOD-BRAIN BARRIER/METHYLMERCURY	1185
GLUTATHIONE/CYCLOPENTADIENYL MANGANESE TRIC/LUNG	1197
GLUTATHIONE/EPITHELIAL CELLS/FLOW CYTOMETRY	1226
GLUTATHIONE/GLUTATHIONE S-TRANSFERASE/HUMAN TISSUES	1318
GLUTATHIONE/GLUTATHIONE S-TRANSFERASE/HUMAN TISSUES	1325
GLUTATHIONE/FELINE IMMUNODEFICIENCY VIRUS (FIV)/ASTROGLIA	1347
GLUTATHIONE/ALPHA-NAPHTHYLSISOTHIOCYANATE/LIVER	1438
GLUTATHIONE/p-AMINOPHENOL/HEPATOTOXICITY	1442
GLUTATHIONE/MERCURY/OXIDATIVE STRESS	1631
GLUTATHIONE/ACETAMINOPHEN/HEPATOTOXICITY	1690
GLUTATHIONE ADDUCT/ACROLEIN/PULMONARY ENDOTHELIUM	307
GLUTATHIONE CONJUGATION/METHYLATION/CATECHOL ESTROGENS	657
GLUTATHIONE CONJUGATION/ISOLATED PERFUSED LIVER/EPOXIDE HYDROLASES	956
GLUTATHIONE CONJUGATION/HUMAN LIVER/CHLOROTRIFLUOROETHENE	1053
GLUTATHIONE DEPLETION/ETHYL ACRYLATE/NASAL TOXICITY	1211
GLUTATHIONE PEROXIDASE/OXIDATIVE DAMAGE/PROMOTER REGULATORY ELEMENT	444
GLUTATHIONE PEROXIDASE/CU/ZN SUPEROXIDE DISMUTASE/DINITROBENZENE	1344
GLUTATHIONE PEROXIDASE/COPPER-DEFICIENCY/CATALASE	1486
GLUTATHIONE S-TRANSFERASES SUBUNITS/FERRETS/TOBACCO SMOKE	1326
GLUTATHIONE S-TRANSFERASE/GLUTATHIONE/LASER CYTOMETRY	647
GLUTATHIONE S-TRANSFERASE/RABBIT/PRIMARY CULTURED HEPATOCYTES	1314
GLUTATHIONE S-TRANSFERASE/ELECTROSPRAY IONIZATION/MASS SPECTROMETRY	1317
GLUTATHIONE S-TRANSFERASE/HUMAN TISSUES/GLUTATHIONE	1318
GLUTATHIONE S-TRANSFERASE/HUMAN TISSUES/GLUTATHIONE	1325
GLUTATHIONE S-TRANSFERASE/PENTACHLOROPHENOL/MITOCHONDRIAL TOXICITY	1455
GLUTATHIONE S-TRANSFERASE YC2/INDOLE-3-CARBINOL/AFLATOXIN B1	43
GLUTATHIONE TRANSFERASE/BENZENE/HPRT MUTATION	1278
GLUTATHIONE TRANSFERASES/TESTICULAR METABOLISM/CYTOCHROME P-450 1A	262
GLYCINE/CAROLINA RINSE/TRANSPLANTATION	620
GLYCINE RECEPTOR/CELL DEATH/RENAL PROXIMAL TUBULE	190
GLYCOL/TRIETHYLENE GLYCOL/TERATOLOGY	571
GLYCOLYSIS/CARDIAC TOXICITY/EMETINE	1485
GLYCOSAMINOGLYCAN/KIDNEY/ALPHA2U-GLOBULIN	816
GLYCOSAMINOGLYCAN/SULFATION/MOLYBDENUM	1329
GOLTROGEN/FLAVONOIDS/THYROID HORMONES	1294
GP IIB/IIIA/DMP 728/BLEEDING TIME	817
GPI20/ADJUVANTS/ALUMINUM	534
GRANULOSA/PROGESTERONE/HEAVY METALS	327
GREAT LAKES FISH/PCBS/MINK	1643
GREAT LAKES FISH/PCBS/MINK	1644
GROWTH/ENDOCRINE/POLYCHLORINATED BIPHENYLS	222
GROWTH CONE/MORPHOLOGY/ACRYLAMIDE	769

GRO
GRO
GRO
GSH
GUT
GUIN
GUN
H-RA
HA-F
HAE
HAH
HAIF
HAIF
HAL
HAL
HAL
HAL
HAL
HAL
HAL
HAL
HAL
HAL
HAL
HAM
HAZ
HAZ
HAZ
HAZ
HAZ
HAZ
HAZ
HAZ
HAZ
HAZ
HCB/
HCFC
HCFC
HCG/
HEAI
HEAI
HEAI
HEAI
HEAI
HEAI
HEAI
HEAI
HEAI
HEAI
HEAI

5	GROWTH FACTORS/IN VITRO TESTING/ACRYLAMIDE	1360
2	GROWTH HORMONE/CYTochrome P-450/RAINBOW TROUT	128
0	GROWTH INHIBITION/COcultured CELLS/GAP JUNCTIONS	131
9	GSH/ANABOLIC-ANDROGENIC STEROIDS/LIVER CELL CULTURE	692
1	GUINEA PIG/HEPATOTOXICITY/HCF-123	1069
4	GUINEA PIG/ANTIBODIES/ELISA	1609
8	GUNN RAT/BENZENE/HEMATOTOXICITY	1554
4	H-RAS GENE/PANCREAS/MUTATIONS	513
5	HA-RAS/MOUSE LIVER/DNA METHYLATION	514
6	HAEMODYNAMIC/PDE III INHIBITOR/ARTERIOPATHY	1483
7	HAHS/RISK ASSESSMENT/TCDD	411
7	HAIR/2,5-HEXANEDIONE/PYRROLE	1414
8	HAIR CELL/REACTIVE OXYGEN SPECIES/COCHLEA	329
5	HALOACETATES/LIVER/8-HYDROXYDEOXYGUANOSINE	1465
7	HALOANILINES/NEPHROTOXICITY/HEPATOTOXICITY	172
6	HALOCARBON/METABOLISM/IN VITRO	1068
8	HALOGENATED HYDROCARBONS/FLOW CYTOMETRY/IMMUNOMODULATION	19
5	HALOGENATED HYDROCARBONS/HEPATOTOXICITY/IN VITRO	32
7	HALOGENATED HYDROCARBONS/TOXICOKINETICS/MIXTURES	70
8	HALOGENATED HYDROCARBONS/DNA ADDUCTS/1, 2, 3-TRICHLOROPROPANE	1283
2	HALOGENATED HYDROCARBONS/ANESTHETICS/HEPATOTOXICITY	1462
1	HALOGENATED HYDROCARBONS/POLYCYCLIC AROMATIC HYDROCARBONS/COMPLEX MIXTURES	1563
0	HALOGENATED PESTICIDE/TUMOR PROMOTERS/MULTISTAGE CARCINOGENESIS	463
17	HALON REPLACEMENTS/PBPK/GAS UPTAKE	1660a
7	HALOTHANE/PHARMACOKINETICS/HCF-123	66
6	HALOTHANE/PROTEIN ADDUCTS (TFA ADDUCTS)/E-LYSINE ACYLASE	679
3	HALOTHANE/CROSSREACTIVITY/ANTIBODY	1608
1	HALOTHANE/HEPATOTOXICITY/ADDUCT TURNOVER	1683
4	HAMSTER/DIETARY LIPIDS/HEPATOTOXICITY	694
4	HAZARD/CHAPARRAL/HEPATOTOXICITY	566
6	HAZARD/RISK/EXPOSURE	1146
6	HAZARD ASSESSMENT/IMMUNOTOXICOLOGY/MEDAKA	1254b
7	HAZARD EVALUATION/MECHANISMS/TOXICITY ASSESSMENTS	1633
4	HAZARD IDENTIFICATION/SHEEP RED BLOOD CELLS/HUMORAL IMMUNITY	400
7	HAZARD IDENTIFICATION/IMMUNOTOXICITY/RISK ASSESSMENT	477
	HAZARD RANKING/OSHA/REPRODUCTIVE EFFECTS	793
	HAZARD SCREENING/OCCUPATIONAL EXPOSURE/RISK ASSESSMENT	1150
	HAZARDOUS WASTE SITES/CHEMICAL MIXTURES/ENVIRONMENTAL CHEMICALS	545
	HAZARDOUS WASTE SITES/CHEMICALS OF CONCERN/COMPUTER PROGRAM	1147
	HCB/DERMAL ABSORPTION/VOLATILE	1528
	HCF-123/HALOTHANE/PHARMACOKINETICS	66
10	HCF-123/GUINEA PIG/HEPATOTOXICITY	1069
1	HCG/BENZO(A)PYRENE/EGF RECEPTOR	727
15	HEART/ANTIMONY/OXIDATIVE STRESS	608
6	HEART/PHENOXYL RADICAL/VITAMIN E	612
19	HEART CELL CULTURES/METABOLISM/COCAINE	1473
14	HEART CELL CULTURES/ANABOLIC-ANDROGENIC STEROIDS/INTRACELLULAR CALCIUM	1474
17	HEART DISEASE/ENVIRONMENTAL TOBACCO SMOKE/CANCER	719
14	HEAT SHOCK/TESTES/HEME OXYGENASE	261
27	HEAT SHOCK/CHEMICAL STRESS/RENAL TRANSPORT	1135
13	HEAT SHOCK PROTEINS/HEPATOTOXICITY/STRESS PROTEINS	452
14	HEAT SHOCK PROTEINS/GLUCOSE-REGULATED PROTEINS/STRESS PROTEINS	1132
22	HEAT SHOCK PROTEINS/GENE INDUCTION/STRESS PROTEINS	1134
39	HEAVY METALS/GRANULOSA/PROGESTERONE	327
	HEAVY METALS/METAL INTERACTIONS/RAT LYMPHOCYTE RESPONSE	419

HEAVY METALS/8-OXOGUANINE/CHELATORS	999	HEPA
HEINZ BODY/ACETAMINOPHEN/CATS	809	HEPA
HEINZ BODY/ANEMIA/METHEMOGLOBIN	1548	HEPA
HEMATOLOGIC TOXICITY/PHOTOVOLTAIC METALS/DEVELOPMENTAL TOXICITY	1019	HEPA
HEMATOPOIETIC/FETAL/BENZO(A)PYRENE	1559	HEPA
HEMATOPOIETIC/BONE MARROW/ANTIPSYCHOTIC/OLANZAPINE/PROGENITOR CELLS/STEM CELLS	1549	HEPA
HEMATOTOXICITY/GUNN RAT/BENZENE	1554	HEPA
HEME OXYGENASE/HEAT SHOCK/TESTES	261	HEPA
HEME PATHWAY PARAMETERS/BIOMARKERS/LEAD	253	HEPA
HEMGLOBIN/DINITROBENZENE/ADDUCTS	321	HEPA
HEMOGLOBIN/ETHYL CARBAMATE/ADDUCTS	387	HEPA
HEMOGLOBIN/SULFHYDRYL GROUPS/BIOMONITORING	655	HEPA
HEMOGLOBIN/4-AMINOBIIPHENYL/SMOKERS	1472	HEPA
HEMOGLOBIN ADDUCTS/PYRROLES/BIOMARKERS	1415	HEPA
HEMOLYSIS/IN VITRO/ARSINE	320	HEPA
HEMOLYSIS/HEPATOTOXICITY/ANTILEISHMANIAL	1552	HEPA
HEMOLYTIC ANEMIA/ERYTHROCYTE/DAPSONE	361	HEPA
HEMOPOIESIS/PROPANIL/STEMCELL	1558	HEPA
HEMORRHAGIC CYSTITIS/ACROLEIN MERCAPTURIC ACIDS/CYCLOPHOSPHAMIDE	369	HEPA
HEN/ORGANOPHOSPHATE-INDUCED DELAYED NEUR/PHENYL SALIGENIN PHOSPHATE	1532	HEPA
HEPATIC/CHOLESTASIS/2,6-DI-T-BUTYL-4-NITROPHENOL	681	HEPA
HEPATIC ALIESTERASES/ACETYLCHOLINESTERASE INHIBITION/ORGANOPHOSPHATES	1533	HEPA
HEPATIC CYTOCHROME P450/KETAMINEL ANESTHESIA/CADMIUM/VERAPAMIL	878	HEPA
HEPATIC CYTOLETHALITY/PKC INHIBITOR/SEX DIFFERENCES	322	HEPA
HEPATIC SLICE/TRANSPORT/M-741	34	HEPA
HEPATIC TUMOR PROMOTION/TRANSGENIC MICE/TGF-ALPHA	962	HEPA
HEPATO PROTECTION/CHOLESTEROL SUCCINATE/CARBON TETRACHLORIDE	678	HEPA
HEPATOBIILIARY FUNCTION/BILIARY EPITHELIUM/CELL PROLIFERATION	431	HEPA
HEPATOBIILIARY TOXICITY/BILIARY HYPERPLASIA/BILIARY TREE	712	HEPA
HEPATOCARCINOGENESIS/ESTRADIOL/CELL PROLIFERATION	455	HEPA
HEPATOCARCINOGENESIS/BIOTRANSFORMATION/ACETYLAMINOFLUORENE	848	HEPA
HEPATOCARCINOGENESIS/PROGRESSION/ALTERED ENZYME PHENOTYPE	964	HEPA
HEPATOCARCINOGENICITY/DNA ADDUCT FORMATION/TRIPHENYLETHYLENE DRUGS	1599	HEPA
HEPATOCARCINOMA/TAMOXIFEN/P53 ANTIONCOGENE	1600	HEPA
HEPATOCELLULAR REGENERATION/LIVER INJURY/ISOPROPANOL	1448	HEPA
HEPATOCYTE HYPERTROPHY/INHALATION TOXICITY/PCBTF	1213	HEPA
HEPATOCYTES/SECOND MESSENGERS/CYTOCHROME P-450	113	HEPA
HEPATOCYTES/INDUCTION/CYTOCHROME P-450	123	HEPA
HEPATOCYTES/NITRIC OXIDE/NEUTROPHILS	246	HEPA
HEPATOCYTES/DICHLOROMETHANE/DNA-PROTEINCROSS-LINKS	324	HEPA
HEPATOCYTES/AZOLE ANTIFUNGALS/CYTOTOXICITY	325	HEPA
HEPATOCYTES/ESTROGEN/OXIDATIVE DAMAGE	456	HEPA
HEPATOCYTES/CYTOCHROME P-450/GENE EXPRESSION	492	HEPA
HEPATOCYTES/ACUTE PHASE PROTEINS/LPS (ENDOTOXIN)	683	HEPA
HEPATOCYTES/DOSE-DEPENDENT HEPATOTOXICITY/CAFFEINE	697	HEPA
HEPATOCYTES/CELL PROLIFERATION/TCDD	959	HEPG2
HEPATOCYTES/POLYCYCLIC AROMATIC HYDROCARBONS/DNA SYNTHESIS	1029	HEPM
HEPATOCYTES/ALLYL ALCOHOL/CRYOPRESERVATION	1088	HEPTA
HEPATOCYTES/CHARACTERIZATION/BILIARY EPITHELIUM	1091	HEPTA
HEPATOCYTES/CHARACTERIZATION/BILIARY EPITHELIUM	1093	HEPTA
HEPATOCYTES/CULTURE/HEPATOTOXICITY	1095	HERBI
HEPATOCYTES/CELL KILLING/ALUMINUM	1182	HETER
HEPATOCYTES/DNA REPAIR INHIBITORS/ACETAMINOPHEN	1285	HETER
HEPATOCYTES/GASOLINE/ESTROGEN	1441	HEXAC
HEPATOCYTES/PERICENTRAL TOXICITY/TNF- α	1444	HEXAC

999	HEPATOCYTES/ALLYL ALCOHOL/CAFFEINE	1454
309	HEPATOCYTES, RAT, HUMAN/1,6-DINITROPYRENE/HUMAN LIVER	323
548	HEPATOMA CELLS/LEAD/GLUCOCORTICOID EFFECTS	252
319	HEPATORENAL/CYCLOSPORIN A/LEUKOTRIENES	815
559	HEPATOTOXICITY/LIVER SLICES/ACETAMINOPHEN	31
549	HEPATOTOXICITY/IN VITRO/HALOGENATED HYDROCARBONS	32
554	HEPATOTOXICITY/BIOACTIVATION/NEPHROTOXICITY	170
261	HEPATOTOXICITY/HALOANILINES/NEPHROTOXICITY	172
253	HEPATOTOXICITY/REACTIVE INTERMEDIATE/COVALENT BINDING	358
321	HEPATOTOXICITY/LIVER SLICES/CRESOL	362
387	HEPATOTOXICITY/QUINONE METHIDE/ALKYLPHENOL	363
555	HEPATOTOXICITY/PCNA/CELL PROLIFERATION	421
472	HEPATOTOXICITY/STRESS PROTEINS/HEAT SHOCK PROTEINS	452
115	HEPATOTOXICITY/HAZARD/CHAPARRAL	566
320	HEPATOTOXICITY/PYRRROLIZIDINE ALKALOIDS/CARCINOGENICITY	567
552	HEPATOTOXICITY/HAMSTER/DIETARY LIPIDS	694
361	HEPATOTOXICITY/GLUTATHIONE/IN VITRO	695
558	HEPATOTOXICITY/COCAINE/COCAETHYLENE	696
369	HEPATOTOXICITY/ADRENERGIC ANTAGONISTS/BROMOBENZENE	699
532	HEPATOTOXICITY/DICHLOROBENZENE/INTERACTIVE	701
581	HEPATOTOXICITY/REACTIVE-METABOLITE/ACYL GLUCURONIDE	715
533	HEPATOTOXICITY/PARACETAMOL/CYTOKINES	747
878	HEPATOTOXICITY/CYTOKINES/MACROPHAGES	748
322	HEPATOTOXICITY/CYANOBACTERIAL ALKALOID/CYLINDROSPERMOPIN	786
34	HEPATOTOXICITY/CADMIUM/METALLOTHIONEIN	888
962	HEPATOTOXICITY/CARBON TETRACHLORIDE/POTENTIATION	1051
678	HEPATOTOXICITY/HCFC-123/GUINEA PIG	1069
431	HEPATOTOXICITY/HEPATOCYTES/CULTURE	1095
712	HEPATOTOXICITY/ANTICANCER AGENTS/MYELOTOXICITY	1105
455	HEPATOTOXICITY/ANTIGENIC BIOMARKER/ACETAMINOPHEN	1408
848	HEPATOTOXICITY/GLUTATHIONE/p-AMINOPHENOL	1442
964	HEPATOTOXICITY/TAURINE/METHYLENE DIANILINE	1443
599	HEPATOTOXICITY/MACROPHAGES/GALACTOSAMINE	1449
600	HEPATOTOXICITY/RAT STRAIN COMPARISON/CARBON TETRACHLORIDE	1460
448	HEPATOTOXICITY/HALOGENATED HYDROCARBONS/ANESTHETICS	1462
213	HEPATOTOXICITY/CARBON TETRACHLORIDE/CELL REPLICATION	1463
3	HEPATOTOXICITY/ANTILEISHMANIAL/HEMOLYSIS	1552
13	HEPATOTOXICITY/ADDUCT TURNOVER/HALOTHANE	1683
16	HEPATOTOXICITY/COVALENT BINDING/DICLOFENAC	1684
14	HEPATOTOXICITY/ACETAMINOPHEN/COVALENT BINDING	1687
15	HEPATOTOXICITY/ACETAMINOPHEN/COVALENT BINDING	1688
16	HEPATOTOXICITY/GLUTATHIONE/ACETAMINOPHEN	1690
492	HEPATOTOXICITY/ACETAMINOPHEN/COVALENT BINDING	1692
683	HEPATOTOXICITY/ACETAMINOPHEN/COVALENT BINDING	1693
697	HEPATOTOXICITY/ACETAMINOPHEN/COVALENT BINDING	1686
959	HEPG2 CELLS/Berberine/CELL CYCLE	783
029	HEPM CELLS/DEVELOPMENTAL TOXICITY/CHLOROPHENOLS	328
088	HEPTA-CDD/TCDD/SUBCHRONIC TOXICITY	1038
091	HEPTA-CDD/TCDD/SUBCHRONIC TOXICITY	1039
093	HEPTA-CDD/TCDD/SUBCHRONIC TOXICITY/PATHOLOGY	1040
095	HERBICIDES/NITROGEN-FIXATION/NITRIFICATION	1435
182	HETEROCYCLIC AMINE/CHEMOPREVENTION/ANTIOXIDANT	638
285	HETEROCYCLIC AMINE/CHEMOPREVENTION/ANTIOXIDANT	958
1441	HEXACHLOROBENZENE/ULTRASTRUCTURE/MONKEY OVARY	211
1444	HEXACHLOROBENZENE/ALCOHOL/PORPHYRIA	1071

2	HUMAN LIVER/WARFARIN METOBLISM/CRYPRESERVATION, SLICES	37
3	HUMAN LIVER/HEPATOCYTES, RAT, HUMAN/1,6-DINITROPYRENE	323
8	HUMAN LIVER/CHLOROTRIFLUOROETHENE/GLUTATHIONE CONJUGATION	1053
1	HUMAN LIVER/FATTY ACID HYDROXYLATION/CYTOCHROME P-450	1309
9	HUMAN LIVER/TAMOXIFEN/32P-POSTLABELLING	1602
7	HUMAN LIVER SLICES/CYROPRESERVATION, SLICES/CYRO INDUCED TOXICITY	1567
8	HUMAN LUNG/AFLATOXIN B ₁ /BIOACTIVATION	1305
3	HUMAN LYMPHOBLASTOID CELLS/TRANSCRIPTION FACTOR KB/CELL DENSITY	449
0	HUMAN LYMPHOCYTES/SISTER CHROMATID EXCHANGES/STYRENE OXIDE	843
5	HUMAN MAXIMIZATION TEST/LOCAL LYMPH NODE ASSAY/CONTACT ALLERGY	1255
2	HUMAN PLACENTA/CADMIUM/CELL PROLIFERATION	425
1	HUMAN PLACENTA/METALLOTHIONEIN/CADMIUM	884
7	HUMAN PLACENTA/AFLATOXIN B ₁ /LIPOXYGENASE	1292
9	HUMAN SKIN/CORROSION/IN VITRO	345
0	HUMAN SKIN/IRRITATION/IN VITRO	346
2	HUMAN SKIN/PHOTOTOXICITY/IN VITRO	347
3	HUMAN TISSUES/PAPILLOMAVIRUS/CYTOCHROME P-450	490
8	HUMAN TISSUES/GLUTATHIONE/GLUTATHIONE S-TRANSFERASE	1318
1	HUMAN TISSUES/GLUTATHIONE/GLUTATHIONE S-TRANSFERASE	1325
0	HUMAN TISSUES/CARCINOGENESIS/PESTICIDES	1541
3	HUMAN TISSUES/COVALENT BINDING/EPICHLOROHYDRIN	1702
6	HUMAN TISSUES/SUBJECTS/CYTOCHROME P-450/BIOTRANSFORMATION	1307
6	HUMAN VOLUNTEERS/DEET/DERMAL ABSORPTION	665
1	HUMANS/SKIN/CONTACT SENSITIZATION	557
4	HUMORAL IMMUNITY/CARBARYL/INHALATION	15
2	HUMORAL IMMUNITY/HAZARD IDENTIFICATION/SHEEP RED BLOOD CELLS	400
5	HUNTINGTON'S DISEASE/EXCITOTOXICITY/MITOCHONDRIA	1574
6	HYDRALAZINE/N-ACETYLTRANSFERASE/MUTAGENICITY	845
1	HYDRAZINE/CARBON TETRACHLORIDE/GENE EXPRESSION	517
9	HYDRAZINES/DRUG METABOLISM/CYTOCHROME P-450	118
7	HYDROCARBON/IN VITRO/MARINE MAMMAL	1645
8	HYDROCARBON/IN VITRO/MARINE MAMMAL	1646
3	HYDROCARBON NEPHROPATHY/MALE RAT NEPHROPATHY/NEPHROPATHY	169
4	HYDROCEPHALUS/BEHAVIOR/ZALCITABINE	528
9	HYDROCHLOROFLUOROCARBONS/BIOTRANSFORMATION/METABOLITES	1070
	HYDROGEN CHLORIDE/CHLOROSILANES/VAPOR INHALATION	1198
	HYDROGEN CHLORIDE/CHLOROSILANES/VAPOR INHALATION	1199
	HYDROGEN SULFIDE/AIR STANDARDS/TOXICOKINETICS	794
	HYDROLASE B/CARBOXYESTERASE/ESTERASE	1300
	HYDROQUINONE/KIDNEY/COVALENT ADDUCTS	201
	HYDROQUINONE/PHENOLS/KINETICS	391
	HYDROQUINONE/KIDNEY/CELL PROLIFERATION	437
7	HYDROQUINONE/COPPER/REACTIVE OXYGEN	597
7	HYDROQUINONE/SUPEROXIDE DISMUTASE/REACTIVE OXYGEN	598
8	HYDROQUINONE/NATURAL PRODUCTS/HUMAN EXPOSURE	788
9	HYDROXYL FREE RADICALS/MITOCHONDRIA/OXIDATIVE DAMAGE	603
4	HYDROXYL RADICAL/DENTIFRICE/INHIBITION	602
7	HYDROXYL RADICAL/OXIDATIVE DAMAGE/DNA NICKING	604
4	HYDROXYL RADICALS/GCMS/MICRODIALYSIS	630
1	HYPEROXIA/OXYGEN RADICALS/AGE	601
7	HYPERPLASIA/BILIARY OBSTRUCTION/BILIARY EPITHELIUM	716
4	HYPERSENSITIVITY/SILICONES/ADJUVANCY	20
8	HYPERSENSITIVITY/GLUTARALDEHYDE/SENSORY IRRITATION	1208
7	HYPERSENSITIVITY/PHARMACOGENETICS/ENVIRONMENT	1268
6	HYPERSENSITIVITY/IGE/RESPIRATORY	1610

HYPERSENSITIVITY/INFLUENZA VIRUS/OVALBUMIN	1612	IMMUN
HYPERTENSION/PHENYLPROPANOLAMINE/CARDIOVASCULAR	1488	IMMUN
HYPOLIPIDEMIC/PEROXISOME/LIVER	1100	IMMUN
HYPOVOLEMIC SHOCK/BLOOD SUBSTITUTE/CARDIOVASCULAR	1477	IMMUN
HYPOXIA/GLUTATHIONE/OXIDATIVE STRESS	611	IMMUN
HYPOXIA/ALCOHOL/KUPFFER CELLS	1450	IMMUN
IBOGAINE HCl/PRECLINICAL TOXICITY STUDY/NEUROBEHAVIORAL	827	IMMUN
IBOGAINE HCl/PRECLINICAL TOXICITY STUDY/NEUROBEHAVIORAL	828	IMMUN
ICZ/CYTOCHROME P-450/BREAST CANCER CELLS	728	IMMUN
IDPN/DICHLORBENIL/OLFACTORY FUNCTION	297	IMMUN
IGA/SALIVA/BIOMARKERS	13	IMMUN
IGA NEPHROPATHY/VOMITOXIN/SEX HORMONES	1247	IMMUN
IGE/NO ₂ /DUST MITE	417	IMMUN
IGE/RESPIRATORY/HYPERSENSITIVITY	1610	IMMUN
IGF-1 RECEPTOR/CANCER/ESTROGEN	457	IMMUN
IIB/IIIA INHIBITOR/ANTICOAGULANT/ANTI-PLATELET	1489	IMMUN
IL-1/OZONE/PERMEABILITY	1231	IMMUN
IL-1BETA/TCDD/KERATINOCYTES	1509	IMMUN
IMMORTALIZED/PIM-1/KERATINOCYTES	518	IMMUN
IMMUNE/MACROPHAGES/METHADONE	1398	IMMUN
IMMUNE CELLS/DELTA ⁹ -THC/CANNABINOID RECEPTOR	1400	IMMUN
IMMUNE FUNCTION/HOST-RESISTANCE/PYRIMETHAMINE	409	IMPRO
IMMUNE FUNCTION/TOXICITY/VCN	413	IN UTE
IMMUNE SUPPRESSION/POLYCHLORINATED BIPHENYLS/LYMPHOKINES	17	IN UTE
IMMUNE SYSTEM/SPECIES COMPARISON/MACROPHAGES	402	IN UTE
IMMUNE SYSTEM/ETHANOL/ADRENALECTOMIZED	1397	IN VIT
IMMUNIZATION/RICIN/VACCINE	780	IN VIT
IMMUNIZATION/PULMONARY/PATHOLOGY	1669	IN VIT
IMMUNOASSAY/TCDD/AH RECEPTOR	1025	IN VIT
IMMUNOCHEMISTRY/PROTEIN ADDUCTS/MENTHOFURAN	365	IN VIT
IMMUNOCYTOCHEMISTRY/GAP JUNCTIONS/CONNEXIN 43	134	IN VIT
IMMUNOENHANCEMENT/COCAINE/NEUROENDOCRINE	1242	IN VIT
IMMUNOGENICITY/PRIMATE/PLASMINOGEN ACTIVATOR	819	IN VIT
IMMUNOHISTOCHEMISTRY/P53/1, 3-BUTADIENE	520	IN VIT
IMMUNOINHIBITION/CYTOCHROME P-450/CHLORZOXAZONE	100	IN VIT
IMMUNOLOGY/SKIN/ULTRAVIOLET RADIATION	478	IN VIT
IMMUNOMODULATION/HALOGENATED HYDROCARBONS/FLOW CYTOMETRY	19	IN VIT
IMMUNOMODULATION/PREDNISOLONE/HOST RESISTANCE	408	IN VIT
IMMUNOMODULATION/SOLVENTS/SKIN	412	IN VIT
IMMUNOMODULATION/LIDOCAINE/COCAINE	1241	IN VIT
IMMUNOMODULATION/ETHANOL/COCAINE	1243	IN VIT
IMMUNOSUPPRESSANTS/CYTOTOXICITY/NEPHROTOXICITY	187	IN VIT
IMMUNOSUPPRESSION/T CELL-INDEPENDENT RESPONSE/2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	18	IN VIT
IMMUNOSUPPRESSION/IN VITRO/ACETAMINOPHEN	22	IN VIT
IMMUNOSUPPRESSION/RISK ASSESSMENT/REGULATORY TOXICOLOGY	23	IN VIT
IMMUNOSUPPRESSION/MAA/SPECIES	403	IN VIT
IMMUNOSUPPRESSION/CYTOKINES/ETHANOL	753	IN VIT
IMMUNOSUPPRESSION/STRUCTURE ACTIVITY/POLYCYCLIC AROMATIC HYDROCARBONS	755	IN VIT
IMMUNOSUPPRESSION/PROTEIN KINASE C/2-ACETYLAMINOFLUORENE	946	IN VIT
IMMUNOSUPPRESSION/CALCIUM/SIGNALLING	952	IN VIT
IMMUNOSUPPRESSION/APOPTOSIS/GLUCOCORTICOIDS	1158	IN VIT
IMMUNOSUPPRESSION/SERUM FACTOR/COCAINE	1240	IN VIT
IMMUNOSUPPRESSION/METABOLISM/COCAINE	1244	IN VIT
IMMUNOSUPPRESSION/CORTICOSTEROIDS/TRANSPLANTATION	1249	IN VIT
IMMUNOSUPPRESSION/T-2 TOXIN/HOST RESISTANCE	1404	IN VIT

..1612	IMMUNOSUPPRESSION/CATFISH/BIOMARKERS	1654
..1488	IMMUNOTERATOLOGY/FETAL ALCOHOL SYNDROME/THYMUS	1245
..1100	IMMUNOTOXICITY/RISK ASSESSMENT/HAZARD IDENTIFICATION	477
..1477	IMMUNOTOXICITY/OZONE/MACROPHAGES	479
..611	IMMUNOTOXICITY/SCID MOUSE/THYMUS	480
..1450	IMMUNOTOXICITY/POLYCYCLIC AROMATIC HYDROCARBONS/PHOSPHORYLATION	947
..827	IMMUNOTOXICITY/POLYCYCLIC AROMATIC HYDROCARBONS/CALCIUM	951
..828	IMMUNOTOXICITY/POLYCYCLIC AROMATIC HYDROCARBONS/CALCIUM	953
..728	IMMUNOTOXICITY/DOPAMINE ANTAGONIST/LEUKOCYTES	1248
..297	IMMUNOTOXICITY/RISK ASSESSMENT/DEXAMETHASONE	1583
..13	IMMUNOTOXICOLOGY/ULTRAVIOLET LIGHT/BENZO(A)PYRENE	14
..1247	IMMUNOTOXICOLOGY/MICE/PAHS	16
..417	IMMUNOTOXICOLOGY/LYMPHOCYTE/METALS-PESTICIDES	401
..1610	IMMUNOTOXICOLOGY/ORGANOPHOSPHATES/ACETYLCHOLINESTERASE	414
..457	IMMUNOTOXICOLOGY/CYCLOSPORIN A/RISK ASSESSMENT	482
..1489	IMMUNOTOXICOLOGY/MYCOTOXIN/T CELL	756
..1231	IMMUNOTOXICOLOGY/IN VITRO METAL TOXICITY/CADMIUM	877
..1509	IMMUNOTOXICOLOGY/SILICONE/NATURAL KILLER CELLS	1250
..518	IMMUNOTOXICOLOGY/METALS/FISH	1254
..1398	IMMUNOTOXICOLOGY/MEDAKA/HAZARD ASSESSMENT	1254
..1400	IMMUNOTOXICOLOGY/EPIDEMIOLOGY/HUMAN BIOMONITORING	481
..409	IMPROVED GRADES/EDUCATION/TEACHING/PERFORMANCE ENHANCEMENT	286
..413	IN UTERO AND LACTATIONAL/TCDD/SPERMATOGENESIS	1499
..17	IN UTERO EXPOSURE/CHLORPYRIFOS/ACETYLCHOLINESTERASE	910
..402	IN UTERO EXPOSURE/2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN/THYMOCYTES	1500
..1397	IN VITRO/ACETAMINOPHEN/IMMUNOSUPPRESSION	22
..780	IN VITRO/METABOLISM/LIVER	26
..1669	IN VITRO/HALOGENATED HYDROCARBONS/HEPATOTOXICITY	32
..1025	IN VITRO/STRESS PROTEINS/LIVER SLICES	33
..365	IN VITRO/DIATOMS/SILICA	142
..134	IN VITRO/2-METHOXYETHANOL/TESTES	264
..1242	IN VITRO/EYE/DRAIZE	309
..819	IN VITRO/CELL PROLIFERATION/CARCINOGENESIS	312
..520	IN VITRO/NEOMYCIN/NEPHROTOXICITY	317
..100	IN VITRO/ARSINE/HEMOLYSIS	320
478	IN VITRO/MACROPHAGES/PHOSPHOLIPIDOSIS	330
..19	IN VITRO/MACROPHAGES/PHOSPHOLIPIDOSIS	332
408	IN VITRO/DERMATOTOXICOLOGY/PHOTOTOXICITY	333
412	IN VITRO/SULFUR MUSTARD/DERMATOTOXICITY	334
241	IN VITRO/ARACHIDONIC ACID/SKIN IRRITATION	335
243	IN VITRO/SKIN/CYTOCHROME P-450	337
..187	IN VITRO/CORROSIVITY MECHANISMS/DERMAL CORROSION	344
..18	IN VITRO/HUMAN SKIN/CORROSION	345
..22	IN VITRO/HUMAN SKIN/IRRITATION	346
..23	IN VITRO/HUMAN SKIN/PHOTOTOXICITY	347
..403	IN VITRO/DERMAL/TOXICITY	350
..753	IN VITRO/STRESS RESPONSE/TISSUE SPECIFICITY	447
..755	IN VITRO/PENTAMIDINE/NEPHROTOXICITY	532
..946	IN VITRO/GASTRIC SIMULATION/LEAD BIOAVAILABILITY	559
..952	IN VITRO/HEPATOTOXICITY/GLUTATHIONE	695
..1158	IN VITRO/AXONAL TRANSPORT/NEUROTOXICOLOGY	758
..1240	IN VITRO/ANTICHOLINESTERASE/BIOACTIVATION	905
..1244	IN VITRO/ECETOC CHEMICALS/EYE IRRITATION	986
..1249	IN VITRO/DRAIZE/EYE	987
..1404	IN VITRO/CONTINUOUS DOSING/TCDD	1048

IN VITRO/HALOCARBON/METABOLISM	1068	INFL
IN VITRO/METABOLISM/PHYSIOLOGY	1308	INFL
IN VITRO/POLYCYCLIC AROMATIC HYDROCARBONS/TCDD	1514	INFU
IN VITRO/ALLERGY/CYTOKINES	1613	INFU
IN VITRO/MARINE MAMMAL/HYDROCARBON	1645	INFU
IN VITRO/MARINE MAMMAL/HYDROCARBON	1646	INFU
IN VITRO/AQUATIC/SURFACTANTS	1649	INFU
IN VITRO ALTERNATIVES/OCULAR IRRITATION/EYE	988	INFU
IN VITRO ASSAY/LIVER/TRANSCRIPTION	314	INHA
IN VITRO ASSAYS/PULMONARY/DUSTS	147	INHA
IN VITRO BACTERIAL ASSAY/NICKEL/TOXICITY	901	INHA
IN VITRO METABOLISM/KIDNEY PROXIMAL TUBULAR CELLS/19F-N. M. R.	197	INHA
IN VITRO METAL TOXICITY/CADMIUM/IMMUNOTOXICOLOGY	877	INHA
IN VITRO METHODOLOGY/RISK ASSESSMENT/SKIN PERMEABILITY	342	INHA
IN VITRO SYSTEMS/CHEMICAL BINDING	1568	INHA
IN VITRO TESTING/TOXICITY/CELL PROLIFERATION	316	INHA
IN VITRO TESTING/ACRYLAMIDE/GROWTH FACTORS	1360	INHA
IN VITRO TOXICOLOGY/SKIN MODEL/PERCUTANEOUS ABSORPTION	349	INHA
IN VITRO TOXICOLOGY/RICIN/PSEUDOMONAS	782	INHA
IN VITRO TOXICOLOGY/FREE RADICAL SCAVENGERS/PARAQUAT	1525	INHA
IN VIVO/GENOTOXICITY/MICRONUCLEUS	1272	INHA
IN VIVO/OLEFINS/MICRONUCLEUS	1277	INHA
IN VIVO COVALENT BINDING/ACETAMINOPHEN/NEPHROTOXICITY	195	INHA
IN VIVO TOXICOLOGY/DNA DAMAGE/SINGLE CELL GEL	9	INHA
IN VIVO/IN VITRO/TOXICOKINETICS/ETHYLENE OXIDE	384	INHA
IN VIVO/IN VITRO/MUTAGENICITY/VITAMIN B15	846	INH
IN-VITRO/GLUTATHIONE/ACRYLATES	659	INH
INBORN ERROR OF METABOLISM/TYROSINAEMIA/4-HYDROXYPHENYLPYRUVATE DIOXYGENASE	826	INH
INCINERATIONAL HEALTH RISKS/MUNICIPAL SOLID WASTE	552	INH
INDIUM/INHALATION/INFLAMMATION	1021	INH
INDIUM ARSENIDE/RENAL ACTIVITY/GALLIUM ARSENIDE	1018	INH
INDOLE COMPOUNDS/CHEMOPROTECTION/MOLECULAR MODELING	44	INH
INDOLE-3-CARBINOL/AFLATOXIN B1/BETA-NAPHTHOFILAVONE	42	INH
INDOLE-3-CARBINOL/AFLATOXIN B1/GLUTATHIONE S-TRANSFERASE YC2	43	INH
INDOOR AIR/SENSORY IRRITATION/LOW LEVEL VOC EXPOSURE	968	INH
INDUCED CATFISH/INTESTINAL BIOTRANSFORMATION/BENZO(A)PYRENE	1708	INH
INDUCERS/SMALL INTESTINE/CYTOCHROME P-450	491	INH
INDUCTION/DIET/DETOXIFICATION ENZYMES	49	INH
INDUCTION/CYTOCHROME P-450/HEPATOCYTES	123	INH
INDUCTION/MICE/CYTOCHROME P-450	126	INH
INDUCTION/CYTOCHROME P-450/CELL CULTURE	129	INH
INDUCTION/CYP1A2/POLYCYCLIC AROMATIC HYDROCARBONS	496	INH
INDUCTION/LIVER/ENZYMES	704	INH
INDUCTION/METALLOTHIONEIN/TRANSGENIC	890	INH
INDUCTION/SULFOTRANSFERASE/STEROID	1328	INH
INDUCTION/BENZO(A)PYRENE/BIOAVAILABILITY	1709	INH
INDUCTIONS/DIET/DETOXIFICATION ENZYME	50	INH
INFECTION/CHLOROFORM/TRICHLOROETHYLENE	418	INH
INFLAMMATION/STRAIN DIFFERENCES/OZONE	274	INH
INFLAMMATION/LAVAGE/NEUTROPHILS	276	INH
INFLAMMATION/SILICA/MUTATION	278	INH
INFLAMMATION/METALLOTHIONEIN/DIMETHYLNITROSAMINE	443	INH
INFLAMMATION/SILICA/CYTOKINES	751	INH
INFLAMMATION/TRANSGENIC/CHEMOKINE	945	INH
INFLAMMATION/INDIUM/INHALATION	1021	INH

1068	INFLUENZA VIRUS/TCDD/NATURAL KILLER ACTIVITY	1515
1308	INFLUENZA VIRUS/OVALBUMIN/HYPERSENSITIVITY	1612
1514	INFUSION/RATS/BODYWEIGHT	860
1613	INFUSION/RATS/TERATOLOGY	861
1645	INFUSION/METHODOLOGY/INTRAVENOUS	863
1646	INFUSION/MOUSE/SALINE	865
1649	INFUSION/DOG/BODYWEIGHT	867
988	INFUSION/CONTINUOUS/DOG	868
314	INHALATION/HUMORAL IMMUNITY/CARBARYL	15
147	INHALATION/CHLOROFORM/RATS	178
901	INHALATION/ISOPROPANOL/NEUROTOXICITY	304
197	INHALATION/CELL PROLIFERATION/CHLOROFORM	435
877	INHALATION/RISK ASSESSMENT/VOLATILE ORGANIC COMPOUNDS	547
342	INHALATION/DEVELOPMENTAL/SILOXANE	572
1568	INHALATION/LIVER EFFECTS/OCTAMETHYLCYCLOTETRA-SILOXANE	698
316	INHALATION/SMOKE/HISTOPATHOLOGY	721
1360	INHALATION/AMILORIDE/CYSTIC FIBROSIS	830
349	INHALATION/CARCINOGENICITY/BERYLLIUM	1011
782	INHALATION/INFLAMMATION/INDIUM	1021
1525	INHALATION/THERMAL EMISSIONS/SENSORY IRRITATION	1205
1272	INHALATION/THERMAL EMISSIONS/SENSORY IRRITATION	1206
1277	INHALATION/ACUTE/ALIPHATIC AMINES	1214
195	INHALATION/STRUCTURE ACTIVITY RELATIONSHIPS/ALKOXY-SILANES	1215
9	INHALATION/ONCOGENICITY/ISOPROPANOL	1219
384	INHALATION/ONCOGENICITY/METHYLETHYLKETOXIME	1220
846	INHALATION/NASAL IRRITATION/CHLORINE	1221
659	INHALATION/COMMERCIAL HEXANE/CHRONIC TOXICITY	1233
826	INHALATION/NEUROTOXICITY/4-PHENYLCYCLOHEXENE	1237
552	INHALATION/SUBCHRONIC TOXICITY/CUMENE	1238
1021	INHALATION/SULFURYL FLUORIDE/ONCOGENICITY	1547
1018	INHALATION/HEXAMETHYLENE DIISOCYANATE/ADAPTION	1589
44	INHALATION/ARSINE/ANEMIA	1590
42	INHALATION/LIQUID AEROSOLS/ACUTE	1661
43	INHALATION/PERCHLOROMETHYL MERCAPTAN/FOLPET TECHNICAL	1662
968	INHALATION/FIBERS/CARCINOGENICS	1665
1708	INHALATION/SUPERABSORBENTS/SWELLING PARTICLES	1675
491	INHALATION/FIBROSIS/DISPOSITION	1716
49	INHALATION EXPOSURE/PULMONARY SURFACTANT/CIGARETTE SMOKE	1679
123	INHALATION EXPOSURES/AUTOMATED EXPOSURES/EXPOSURE CONTROL	157
126	INHALATION TOXICITY/PCBT/HEPATOCYTE HYPERTROPHY	1213
129	INHALATION TOXICOLOGY/AEROSOL/CANINE EXPOSURE	158
496	INHALATION TOXICOLOGY/FIBROUS AEROSOL/POTASSIUM OCTATITANATE	1672
704	INHALATION/AEROSOL/TOXICITY/RICIN	145
890	INHALATION/AEROSOL/TOXICITY/BOTULINUM	1670
1328	INHALATION/AEROSOL/TOXICITY/SEB	1671
1709	INHALATION/NOSE ONLY EXPOSURE/CORE BODY TEMPERATURE/ANIMAL RESTRAINT	866
50	INHALATION/WHOLE BODY EXPOSURE/INHALED DOSE/CHLOROFORM	1202
418	INHALED DOSE/CHLOROFORM/INHALATION/WHOLE BODY EXPOSURE	1202
274	INHIBITION/HYDROXYL RADICAL/DENTIFRICE	602
276	INHIBITION/AMPHIPHILIC DRUGS/NITRIC OXIDE	736
278	INHIBITION/NITRIC OXIDE SYNTHASE/METALS	737
443	INHIBITION/PESTICIDES/NITRIC OXIDE SYNTHASE	738
751	INHIBITION/REACTIVATION/ACETYLCHOLINESTERASE	904
945	INHIBITION/FLAVONE/CYTOCHROME P-450	1036
1021	INHIBITION/AURINTRICARBOXYLIC ACID/ENZYME	1493

ISOLATED, PERFUSED LUNG/REACTIVITY/TOLUENE DIISOCYANATE (TDI)	1239
ISOMALATHION/ACETYLCHOLINESTERASE/NEUROTOXICESTERASE	911
ISONIAZID/CYTOCHROME P450/CYP2E1	1302
ISOPRENE/CARCINOGENESIS/TUMOR DEVELOPMENT	469
ISOPROPANOL/NEUROTOXICITY/INHALATION	304
ISOPROPANOL/INHALATION/ONCOGENICITY	1219
ISOPROPANOL/HEPATOCELLULAR REGENERATION/LIVER INJURY	1448
ISOTHAZOLONES/LYMPH NODE CELL PROLIFERATION/CONTACT HYPERSENSITIVITY	1262
ISOTHIOCYANATE/PROTEIN ADDUCT/METHYL DITHIOCARBAMATE	1697
ISOZYME-SELECTIVE/1-AMINOBEZOTRIAZOLE DERIVATIVES/METABOLIC INTERMEDIATE COMPLEX	108
JACKETS/TOXICITY PARAMETERS/DERMAL	674
JACOBINE/CARBOXYLESTERASE/PYRROLIZIDINE ALKALOID	1299
JUGULAR VEIN/RATS/BLEEDING	862
KALLIKREIN/VANCOMYCIN/NEPHROTOXICITY	174
KERATINOCYTES/UV/CYTOKINES	339
KERATINOCYTES/CELL CYCLE/BIS-(2-CHLOROETHYL)-SULFIDE	352
KERATINOCYTES/DIFFERENTIATION/BIS-(2-CHLOROETHYL)SULFIDE	353
KERATINOCYTES/IMMORTALIZED/PIM-1	518
KERATINOCYTES/IL-1BETA/TCDD	1509
KERATINOCYTES/TCDD/PROTEASES	1627
KETAMINE/ANESTHESIA/CADMIUM/VERAPAMIL/HEPATIC CYTOCHROME P450	878
KEVLAR ARAMID/CELL PROLIFERATION/CHRYSOITILE ASBESTOS	1668
KIDNEY/CYTOCHROME P-450 2E1/DIMETHYLSULFOXIDE	119
KIDNEY/URINARY BLADDER/ALPHA-2-MICROGLOBULIN	171
KIDNEY/CHELATORS/METALS	184
KIDNEY/METABOLISM/DAPOXETINE	192
KIDNEY/CHLOROFORM/CYTOCHROME P-450 2E1	199
KIDNEY/COVALENT ADDUCTS/HYDROQUINONE	201
KIDNEY/LEAD/METAL-BINDING PROTEINS	254
KIDNEY/CELL PROLIFERATION/HYDROQUINONE	437
KIDNEY/FUMONISIN/TOXICITY	774
KIDNEY/RABBIT/FUMONISIN	775
KIDNEY/ALPHA2U-GLOBULIN/GLYCOSAMINOGLYCAN	816
KIDNEY/LETHAL CELL INJURY/LIVER	927
KIDNEY/CELL DEATH/PHOSPHOLIPASE A2	929
KIDNEY/ALA SYNTHETASE MRNA/MERCURY	1186
KIDNEY LESIONS/DEET/ALPHA 2U-GLOBULIN	175
KIDNEY PROXIMAL TUBULAR CELLS/19F-N. M. R./IN VITRO METABOLISM	197
KINESIN/AXONAL TRANSPORT/ACRYLAMIDE	766
KINETICS/LEAD/PREGNANCY	220
KINETICS/CHILD/LEAD ISOTOPES	260
KINETICS/HYDROQUINONE/PHENOLS	391
KINETICS/SKIN ABSORPTION/ETHYLENE OXIDE	667
KINETICS/CADMIUM/ROS 17/2.8	870
KINETICS/SELENIUM/SELENOPROTEIN	1010
KINETICS/TRICHLOROETHYLENE/METABOLISM	1082
KUPFFER CELL/TUMOR NECROSIS FACTOR/PCB	1064
KUPFFER CELLS/TUMOR NECROSIS FACTOR/ENDOTOXIN	247
KUPFFER CELLS/REPERFUSION INJURY/LIPID PEROXIDATION	626
KUPFFER CELLS/GLUTATHIONE/ENDOTOXIN	645
KUPFFER CELLS/HYPOXIA/ALCOHOL	1450
KUPFFER CELLS/OXYGEN CONSUMPTION/ALCOHOL	1453
KUPFFER CELLS/SUPEROXIDE/DICHLOROBENZENE	1467
KUPFFER CELLS/CARBON TETRACHLORIDE/METHANOL	1470
KUPFFER CELLS/NEUTROPHILS/ENDOTOXIN	1452

LEAD/RETINA/PHOSPHODIESTERASE	1121
LEAD/SODIUM-POTASSIUM ATPASE/RETINA	1122
LEAD/RETINA/APOPTOSIS	1123
LEAD/GLIAL/GENE EXPRESSION	1125
LEAD/BRAIN/SEROTONIN	1126
LEAD/BRAIN/DOPAMINE	1127
LEAD/VITAMIN D RECEPTOR/OSTEOCALCIN	1183
LEAD/MENOPAUSE/PREGNANCY	1385
LEAD (PB)/TCDD/GAP JUNCTIONS	137
LEAD BIOAVAILABILITY/IN VITRO/GASTRIC SIMULATION	559
LEAD ISOTOPES/KINETICS/CHILD	260
LEAD TOXICITY/LEAD-GLAZED CERAMICS/MEXICO	895
LEAD-GLAZED CERAMICS/MEXICO/LEAD TOXICITY	895
LEARNING/NEUROTOXICITY/TRIMETHYLTIN	303
LESIONS/DINITROBENZENE/AUDITORY PATHWAY	1342
LETHAL CELL INJURY/LIVER/KIDNEY	927
LEUKEMIA/MAMMARY TUMORS/NEPHROPATHY	1175
LEUKOCYTES/IMMUNOTOXICITY/DOPAMINE ANTAGONIST	1248
LEUKOTRIENES/HEPATORENAL/CYCLOSPORIN A	815
LEUKOTRIENES/LIVER/A-NAPATHYLISOTHIOCYANATE	1440
LEYDIG CELL TUMORS/PANCREATIC ACINAR CELL TUMORS/PEROXISOME PROLIFERATORS	1169
LIDOCAINE/COCAINE/IMMUNOMODULATION	1241
LIFE-CYCLE-STAGES/MEDAKA/HISTOPATHOLOGY	1632
LIMB CULTURE/RETINOIC ACID RECEPTOR/RETINOID	593
LINDANE/CONNEXIN43/GAP JUNCTIONS	132
LINDANE/UTERINE CONTRACTION/CYCLIC AMP	225
LINDANE/DERMAL DISTRIBUTION/VEHICLE EFFECTS	338
LINDANE/HIPOCAMPAL NEURONS/GABA-A CHLORIDE CHANNELS	507
LINOLEIC ACID ANILIDE/IRON OVERLOAD/SPLEEN	1557
LIPID/LIVER/ANXIOLYTIC	1107
LIPID COMPLEX/AMPHOCIL™/DEVELOPMENTAL TOXICITY	573
LIPID METABOLITES/CHROMIUM SALTS/OXIDATIVE STRESS	1004
LIPID PEROXIDATION/CELL INJURY/PROPYLENE GLYCOL	164
LIPID PEROXIDATION/CALCIUM/ANTIOXIDANT	621
LIPID PEROXIDATION/KUPFFER CELLS/REPERFUSION INJURY	626
LIPID PEROXIDATION/GAS CHROMATOGRAPHY/ANALYSIS	629
LIPID PEROXIDATION/IRON/FREE RADICALS	1580
LIPID PEROXIDATION AND EXERCISE/OXIDATIVE INJURY/METHEMOGLOBINEMIA	627
LIPOCYTE/SCREEN/ANTIFIBROGENIC/ANTICIRRHOTIC	313
LIPOPOLYSACCHARIDE/PROSTAGLANDIN/BEHAVIOR	291
LIPOSOME/TOXICITY/DOXORUBICIN	812
LIPOSOME/PHARMACOKINETICS/DISPOSITION/DOXORUBICIN	813
LIPOXYGENASE/HUMAN PLACENTA/AFLATOXIN B ₁	1292
LIQUID AEROSOLS/ACUTE/INHALATION	1661
LITHIUM/TERATOLOGY/DEVELOPMENTAL TOXICITY	577
LITHIUM/LITHIUM PERFLUOROCTANE SULFANATE/DEVELOPMENTAL TOXICITY	578
LITHIUM PERFLUOROCTANE SULFANATE/DEVELOPMENTAL TOXICITY/LITHIUM	578
LIVER/IN VITRO/METABOLISM	26
LIVER/CADMIUM/ANTICARCINOGENIC	38
LIVER/ERYTHROMYCIN/CYTOCHROME P-450	99
LIVER/NITRIC OXIDE/OZONE	245
LIVER/TRANSCRIPTION/IN VITRO ASSAY	314
LIVER/CELL PROLIFERATION/CARCINOGENESIS	424
LIVER/PLATELETS/ENDOTOXIN	682
LIVER/CELL DEATH/FATTY ACID	684

691	LOCOMOTOR ACTIVITY/CHOLINERGIC MODIFIERS/COCAINE	299
704	LONG CHAIN ACYL COA/CULTURED HEPATOCYTES/MITOCHONDRIA	326
707	LONG-EVANS RAT/TCDD/TOXICOKINETICS	1043
869	LONG-TERM INHALATION/MALE REPRODUCTIVE SYSTEM TOXICITY/METHANOL	207
886	LONG-TERM POTENTIATION/GLUTAMATE RELEASE/ALUMINUM	506
927	LONG-TERM STUDIES/MTD/MTE/CHEMICAL CARCINOGENESIS	475
928	LOW LEVEL VOC EXPOSURE/INDOOR AIR/SENSORY IRRITATION	968
931	LOW NOEL/RISK ASSESSMENT/ENDOSULFAN	801
957	LOW-DOSE COMBINATION/MULTI-ORGAN MODEL/SYNERGISM	168
963	LOW-DOSE PHARACOKINETICS/DNA ADDUCT DOSIMETRY/ACCELERATOR MASS SPECTROMETRY	11
100	LPS (ENDOTOXIN)/HEPATOCYTES/ACUTE PHASE PROTEINS	683
104	LUNG/RETENTION/FIBER	141
107	LUNG/CADMIUM/METALLOTHIONEIN	144
162	LUNG/TIO ₂ /ORGAN CULTURE	153
167	LUNG/GLUTATHIONE/AIRWAYS	649
234	LUNG/METALLOTHIONEIN/CYTOKINES	749
330	LUNG/RICIN/VACCINATION	779
437	LUNG/GLUTATHIONE/CYCLOPENTADIENYL MANGANESE TRIC.	1197
438	LUNG/OZONE/NITRIC OXIDE	1227
440	LUNG/RADIATION/APOPTOSIS	1421
446	LUNG/COMPLEMENT/TRIMELLITIC ANHYDRIDE	1611
458	LUNG CANCER/ARTERIOSCLEROTIC/TOBACCO SMOKE	718
465	LUNG CLEARANCE/TOXICOKINETICS/NICKEL COMPOUNDS	903
468	LUNG CLEARANCE/NITROGEN DIOXIDE/CIGARETTE SMOKE	1676
535	LUNG FIBROBLASTS/RADON-PROGENY/MICRONUCLEUS	1275
544	LUNG INJURY/PULMONARY EDEMA/PHOSGENE	1200
598	LUNG MITOCHONDRIA/CIGARETTE SMOKE/MITOCHONDRIAL RESPIRATION	1682
585	LUNG SLICES/ALKYLPHENOL/PROTEIN SYNTHESIS	27
592	LUNG TOXICITY/GENE EXPRESSION/SMOKE, PASSIVE	1680
598	LYMPH NODE CELL PROLIFERATION/CONTACT HYPERSENSITIVITY/ISOTHIAZOLONES	1262
586	LYMPH NODE CELLS/INTERLEUKIN 4/CHEMICAL ALLERGENS	1260
593	LYMPH NODE CELLS/SKIN SENSITIZATION/CYTOKINES	1606
448	LYMPHOCTE/LOCAL LYMPH NODE ASSAY/FLOW CYTOMETRY	1257
349	LYMPHOCYTE/METALS-PESTICIDES/IMMUNOTOXICOLOGY	401
36	LYMPHOCYTE/GENE EXPRESSION/BENZENE	746
29	LYMPHOCYTES/COCAINE/PROLACTIN	1399
0	LYMPHOKINES/IMMUNE SUPPRESSION/POLYCHLORINATED BIPHENYLS	17
1	LYSOSOMES/OXYGEN RADICALS/PHAGOCYTOSIS	631
3	M-741/HEPATIC SLICE/TRANSPORT	34
2	M-BROMOPHENYL CYSTEINE/RENAL PROXIMAL TUBULE/CELLULAR TOXICITY	162
3	MAA/SPECIES/IMMUNOSUPPRESSION	403
7	MACHINE LEARNING/DEVELOPMENTAL TOXICOLOGY/RISK ASSESSMENT	1145
529	MACROPHAGE/HL-60/DIFFERENTIATION/ORGANOPHOSPHATES	1254
528	MACROPHAGES/SILICA/MAP KINASE	240
589	MACROPHAGES/ARSENIC/INSOLUBLE	242
466	MACROPHAGES/PHOSPHOLIPIDOSIS/IN VITRO	330
459	MACROPHAGES/PHOSPHOLIPIDOSIS/CLORPHENTERMINE	331
772	MACROPHAGES/PHOSPHOLIPIDOSIS/IN VITRO	332
357	MACROPHAGES/IMMUNE SYSTEM/SPECIES COMPARISON	402
475	MACROPHAGES/PHAGOCYTOSIS/MICROGRAVITY	407
255	MACROPHAGES/PHAGOCYTOSIS/KILLING/ORGANOPHOSPHATES	415
257	MACROPHAGES/12-O-TETRADECANOYLPHORBOL-13-ACETATE/TRANSFORMING GROWTH FACTOR- α	467
261	MACROPHAGES/IMMUNOTOXICITY/OZONE	479
267	MACROPHAGES/HEPATOTOXICITY/CYTOKINES	748
298	MACROPHAGES/CYTOTOXICITY/CADMIUM	876

MACROPHAGES/PHAGOCYTOSIS/LEAD	898	MI
MACROPHAGES/EICOSANOID/LEAD	899	MI
MACROPHAGES/TITANIUM OXIDE PARTICLES/TUMOR NECROSIS FACTOR	900	MI
MACROPHAGES/METHADONE/IMMUNE	1398	MI
MACROPHAGES/GALACTOSAMINE/HEPATOTOXICITY	1449	MI
MACULAR DEGENERATION/AGING/GLUTATHIONE	648	MI
MALACHITE GREEN/DISPOSITION/CHANNEL CATFISH	1710	MI
MALE RAT NEPHROPATHY/NEPHROPATHY/HYDROCARBON NEPHROPATHY	169	MI
MALE REPRODUCTIVE SYSTEM/ANDROGEN PRODUCTION/TCDD	1501	MI
MALE REPRODUCTIVE SYSTEM TOXICITY/METHANOL/LONG-TERM INHALATION	207	MI
MALE/FEMALE/URINE/SODIUM SAACHARIN	438	ME
MALEIC ACID/AMINO ACID TRANSPORT/FANCONI SYNDROME	191	ME
MALIGNANT CONVERSION/RETINOIC ACID/SKIN CARCINOGENESIS	671	ME
MAMMARY IMPLANT/CARCINOGENICITY BIOASSAY/SILICONE	835	ME
MAMMARY TUMORS/NEPHROPATHY/LEUKEMIA	1175	ME
MANGANESE/SUPEROXIDE DISMUTASE/OXIDATIVE STRESS	634	ME
MANGANESE/BLOOD-BRAIN BARRIER/TRANSPORT	1108	ME
MANGANESE/L-DOPA/CYTOTOXICITY	1131	ME
MANUFACTURED GAS PLANT RESIDUE/STRAIN A MICE/TUMORIGENIC	470	ME
MANUFACTURED GAS PLANTS/RISK ASSESSMENT/CYANIDES	549	ME
MAP KINASE/MACROPHAGES/SILICA	240	ME
MAP-2/NCAM/TRIMETHYL TIN	504	ME
MAP-2/NCAM/METHYLMERCURY	1113	ME
MARINE MAMMAL/HYDROCARBON/IN VITRO	1645	ME
MARINE MAMMAL/HYDROCARBON/IN VITRO	1646	ME
MARINE MAMMALS/POLYCHLORINATED BIPHENYLS/PLANAR PCBS	1647	ME
MARMOSETS/OSTEOPOROSIS/HISTOMORPHOMETRY	831	ME
MASS SPECTROMETRY/GLUTATHIONE S-TRANSFERASE/ELECTROSPRAY IONIZATION	1317	ME
MASS SPECTROMETRY/HPLC/ANTIOXIDANT	1566	ME
MAST CELLS/NEUROTROPHINS/NERVE GROWTH FACTOR	1361	ME
MATERNAL REPRODUCTIVE/GESTATION/SALICYLATE	217	ME
MAXIMIZATION TEST/SENSITIZATION TEST/CONTACT DERMATITIS	1266	ME
MCF-7 CELLS/MUTANTS/TCDD	734	ME
MDM2 GENE/TCDD/P53	1506	ME
MDMA/NEUROTOXICITY/DOPAMINE	1351	ME
MECHANISM/TCDD/THYMUS	1394	ME
MECHANISM-BASED INACTIVATION/CYTOCHROME P450 2B1/BIOACTIVATION	499	ME
MECHANISMS/PROTEIN OXIDATION/DIQUAT	610	ME
MECHANISMS/CHLORINATED PARAFFINS/CARCINOGENESIS	1056	ME
MECHANISMS/TOXICITY ASSESSMENTS/HAZARD EVALUATION	1633	ME
MECHANISMS OF DNA DAMAGE/GENOTOXITY/QUERCETIN	841	ME
MECHANISTIC MODELING/TCDD DOSIMETRY/EGF RECEPTOR	725	ME
MEDAKA/HAZARD ASSESSMENT/IMMUNOTOXICOLOGY	1254	ME
MEDAKA/HISTOPATHOLOGY/LIFE-CYCLE-STAGES	1632	ME
MEDAKA/LEACHATE/LANDFILL	1640	ME
MEDIUM-TERM LIVER/MULTI-ORGAN MODEL/CARCINOGENESIS	961	ME
MEIOSIS/DIETHYLSTILBESTROL/GAMETOGENESIS	210	ME
MELPHALAN/DNA ALKYLATION/OXIDATIVE STRESS	635	ME
MEMBRANE/CHOLESTEROL/LIVER	1446	ME
MEMBRANE CURRENTS/PCBS/NEURONS	1349	ME
MEMORY/ATAxia2,4-DITHIOBIURET	294	ME
MENADIONE/OXIDATIVE INJURY/PLATELETS	616	ME
MENADIONE/CALCIUM/MITOCHONDRIA	617	ME
MENOPAUSE/PREGNANCY/LEAD	1385	ME
MENTHOFURAN/IMMUNOCHEMISTRY/PROTEIN ADDUCTS	365	ME

MERCAPTURIC ACIDS/CYCLOPHOSPHAMIDE/ACROLEIN	370
MERCURIC CHLORIDE/BEHAVIOR/CNS	993
MERCURY/ALPHA-ACID GLYCOPROTEIN/GENE EXPRESSION	995
MERCURY/DMPS/URINARY PORPHYRINS	998
MERCURY/METAL-LIGAND COMPLEXES/CELLULAR TOXICITY	1013
MERCURY/ASPARTATE/ASTROCYTES	1112
MERCURY/NEUROTOXICITY/AUTOANTIBODY	1116
MERCURY/KIDNEY/ALA SYNTHETASE MRNA	1186
MERCURY/OXIDATIVE STRESS/GLUTATHIONE	1631
MERCURY-GLUTATHIONE/RENAL GSH AND HG TRANSPORT/RENAL HG ACCUMULATION	997
MESANGIAL/BENZO(A)PYRENE/PROLIFERATION	165
MESOTHELIAL CELL/COLLAGEN/AMOSITE ASBESTOS	1667
MESOTHELIOMA/FIBERS/PARTICLES/SILICON CARBIDE WHISKERS	1664
METABOLIC ACTIVATION/RAT LIVER SLICES/P-450	25
METABOLIC INHIBITION/CYTOCHROME P-450/STRESS	1173
METABOLIC INTERMEDIATE COMPLEX/ISOZYME-SELECTIVE/1-AMINOBEZOTRIAZOLE DERIVATIVES	108
METABOLIC SUPPLEMENTATION/MYOTOXICITY/PRAVASTATIN	818
METABOLISM/LIVER/IN VITRO	26
METABOLISM/RAT LIVER SLICES/CYTOCHROME P-450	28
METABOLISM/PHARMACOKINETICS/DISPOSITION	82
METABOLISM/CYTOCHROME P-450/VOC	103
METABOLISM/SUCCINIMIDE/NEPHROTOXICITY	180
METABOLISM/DAPOXETINE/KIDNEY	192
METABOLISM/COMPARATIVE/TRIAZOLOPYRIMIDINE SULFONAMIDE	393
METABOLISM/OXIDATIVE DAMAGE/TRANSCRIPTION FACTOR	442
METABOLISM/ZEBRA FISH/AFLATOXIN B ₁	686
METABOLISM/LIVER/SEVOFLURANE	691
METABOLISM/HSCAS OR CLAY/AFLATOXIN	777
METABOLISM/CADMIUM/ESTERASES	872
METABOLISM/TCDD/CYTOCHROME P-450	1047
METABOLISM/IN VITRO/HALOCARBON	1068
METABOLISM/TRICHOLORETHYLENE/DICHLOROACETATE	1081
METABOLISM/KINETICS/TRICHLOROETHYLENE	1082
METABOLISM/STRAIN COMPARISONS/TRICHLOROETHYLENE	1083
METABOLISM/PHARMACOKINETIC MODELING/TRICHLOROETHYLENE	1084
METABOLISM/HUMAN/CARCINOGENICITY	1139
METABOLISM/BUTADIENE EPOXIDE/1,3-BUTADIENE	1235
METABOLISM/COCAINE/IMMUNOSUPPRESSION	1244
METABOLISM/STYRENE/STYRENE OXIDE	1288
METABOLISM/2-METHOXYETHANOL/NUCLEAR MAGNETIC RESONANCE SPECTROSC	1289
METABOLISM/BIOALKYLATION/POLYNUCLEAR AROMATIC HYDROCARBONS	1290
METABOLISM/4-METHYLHEPTANE/URINARY METABOLITES	1291
METABOLISM/ALLYLNITRILE/CYANIDE	1296
METABOLISM/METHACRYLONITRILE/BILIARY EXCRETION	1304
METABOLISM/PHYSIOLOGY/IN VITRO	1308
METABOLISM/MUCONALDEHYDE METABOLITES/BENZENE	1311
METABOLISM/SPECIES DIFFERENCES/4-VINYLCYCLOHEXENE	1312
METABOLISM/BAP-COATED PARTICLE/PULMONARY ALVEOLAR MACROPHAGE	1315
METABOLISM/COCAINE/HEART CELL CULTURES	1473
METABOLISM/PESTICIDES/CARBOFURAN	1521
METABOLISM/PENTACHLOROANISOLE/EXCRETION	1714
METABOLISM/DISPOSITION/BENZYLTRIMETHYLAMMONIUM CHLORIDE	1722
METABOLISM IN PREGNANCY/METHOXYPHENAMINE/PHARMACOGENETIC	1712
METABOLISM OF BAP-COATED PARTICLE/PULMONARY ALVEOLAR MACROPHAGE/DNA BINDING	1316
METABOLITES/HYDROCHLOROFLUOROCARBONS/BIOTRANSFORMATION	1070

METHANOL/FOLATE/RETINA	979
METHANOL/FOLATE/MICE	1451
METHANOL/LIVER TRANSPLANTATION/FREE RADICALS	1466
METHANOL/KUPFFER CELLS/CARBON TETRACHLORIDE	1470
METHEMOGLOBIN/NITRITE/CYANIDE	825
METHEMOGLOBIN/HEINZ BODY/ANEMIA	1548
METHEMOGLOBIN/ANALYSIS/AUTOMATED	1572
METHEMOGLOBINEMIA/LIPID PEROXIDATION AND EXERCISE/OXIDATIVE INJURY	627
METHEMOGLOBINEMIA/MIXTURE/N,N-DIMETHYLANILINE	824
METHIONINE/S-ADENOSYLMETHIONINE/BROMOTHIOCATECHOL/METHYLATION	372
METHOD VALIDATION/INTRANASAL DOSING/DOSE DISTRIBUTION PATTERN	156
METHOD VALIDATION/POSITIVE CONTROL STUDY/DEVELOPMENTAL NEUROTOXICITY	1377
METHODOLOGY/INTRAVENOUS/INFUSION	863
METHODS/LOCOMOTOR ACTIVITY/VEHICLES	298
METHODS/CONGENER SPECIFIC/PCBS	1063
METHODS/TISSUE CREATINE/b-GUANIDINOPROPIONIC ACID	1570
METHOMYL/ATROPINE/MEMANTINE/OXAMYL	1545
METHOXYPHENAMINE/PHARMACOGENETIC/METABOLISM IN PREGNANCY	1712
METHYL DITHIOCARBAMATE/ISOTHIOCYANATE/PROTEIN ADDUCT	1697
METHYL MERCURY/FREE RADICAL/OXIDANT INJURY/BCL-2	609
METHYL PARATHION/BIOMARKERS/CARBOFURAN	916
METHYL TERT-BUTYL ETHER (MTBE)/PERCUTANEOUS ABSORPTION/GASOLINE OXYGENATE	336
METHYL TERTIARY BUTYL ETHER/RISK ASSESSMENT/CARCINOGENICITY	540
METHYLATION/METHIONINE/S-ADENOSYLMETHIONINE/BROMOTHIOCATECHOL	372
METHYLATION/CATECHOL ESTROGENS/GLUTATHIONE CONJUGATION	657
METHYLCLOFENAPATE/PEROXISOME PROLIFERATION/LIVER	1167
METHYLENE CHLORIDE/DNA DAMAGE/MOUSE LIVER	1074
METHYLENE DIANILINE/HEPATOTOXICITY/TAURINE	1443
METHYLENE DIANILINE/BILE DUCT INJURY/BILIARY EXCRETION	1445
METHYLENEDIPHENYL DIISOCYANATE (MDI)/BIOMARKERS/PROTEIN ADDUCTS	1411
METHYLENEDIPHENYL DIISOCYANATE (MDI)/DISTRIBUTION/BIOMARKERS	1410
METHYLETHYLKETOXIME/INHALATION/ONCOGENICITY	1220
METHYLMERCURY/RISK ASSESSMENT/METALS	60
METHYLMERCURY/DEVELOPMENTAL TOXICITY/DOSE-RESPONSE MODEL	61
METHYLMERCURY/NEURONAL EXCITABILITY/HIPPOCAMPAL SLICE	500
METHYLMERCURY/MONKEYS/VISION	989
METHYLMERCURY/ASTROCYTES/MORPHOMETRICS	990
METHYLMERCURY/DEVELOPMENTAL EXPOSURE/SOMATOSENSORY FUNCTION	991
METHYLMERCURY/MICE/BEHAVIOR	992
METHYLMERCURY/ASPARTATE/ASTROCYTES	1110
METHYLMERCURY/MAP-2/NCAM	1113
METHYLMERCURY/BRAIN/NCAM	1114
METHYLMERCURY/ZINC/NERVE TERMINAL	1115
METHYLMERCURY/BLOOD-BRAIN BARRIER/AMINO ACID TRANSPORT SYSTEM L	1184
METHYLMERCURY/GLUTATHIONE/BLOOD-BRAIN BARRIER	1185
METHYLMERCURY/CALCIUM/CENTRAL NERVOUS SYSTEM	1187
METHYLMERCURY/T AND B LINEAGE CELLS/AUTOIMMUNITY	1251
METHYLMERCURY/INTRACELLULAR CALCIUM/NEUROTOXICITY	1494
MEXICO/LEAD TOXICITY/LEAD-GLAZED CERAMICS	895
MICE/PAHS/IMMUNOTOXICOLOGY	16
MICE/CYTOCHROME P4502B1/PHENOBARBITAL	117
MICE/CYTOCHROME P-450/INDUCTION	126
MICE/G-GLUTAMYL CYSTEINE SYNTHETASE/MOLECULAR CLONING	641
MICE/ACUTE/PETROLEUM	687
MICE/BEHAVIOR/METHYLMERCURY	992

MIXTURES/ENVIRONMENTAL/TOXICOKINETICS	73
MIXTURES/STYRENE/1, 3-BUTADIENE	87
MIXTURES/TOXICOKINETICS/BIOTRANSFORMATION, PHASE I	397
MIXTURES/CARCINOGENESIS/BIOMARKERS	471
MIXTURES/IRRITATION/CARPETS	973a
MIXTURES/INTERACTION/COMBINATION TOXICOLOGY	1153
MIXTURES/NASAL TOXICITY/ALDEHYDES	1195
MIXTURES/CHLOROFORM/TRICHLOROETHYLENE	1471
MK 801/INOSITOL POLYPHOSPHATES/PHENCYCLIDINE	804
MNRGP120/VACCINE/DEVELOPMENTAL TOXICITY	527
MODEL/DOSE-RESPONSE/STOCHASTIC	1143
MODEL SIMULATION/PCDD/PCDF/TOXICOKINETICS	1045
MODELING/RISK ASSESSMENT/DOSIMETRY	1142
MODELING/VINYL ACETATE/NASAL METABOLISM	1209
MODELING/PHARMACOKINETICS/PBPK	1715
MODELING ERROR/EXPOSURE-RESPONSE/TETRACHLOROETHYLENE	1585
MODELS/PROTEINS/ALLERGY	1256
MOLECULAR/ESTROGEN RECEPTORS/TCDD OR DIOXIN	729
MOLECULAR BIOMARKERS/ENVIRONMENTAL MONITORING/STRESS PROTEINS	1133
MOLECULAR CLONING/MICE/G-GLUTAMYL CYSTEINE SYNTHETASE	641
MOLECULAR ENDPOINT/GENE INDUCTION/STRESS GENES	452
MOLECULAR MODELING/INDOLE COMPOUNDS/CHEMOPROTECTION	44
MOLECULAR PROBE/LASER CONFOCAL MICROSCOPE/CYTOCHROME P-450 INDUCTION	315
MOLYBDENUM/GLYCOSAMINOGLYCAN/SULFATION	1329
MONKEY OVARY/HEXACHLOROBENZENE/ULTRASTRUCTURE	211
MONKEYS/METHANOL/PHARMACOKINETICS	392
MONKEYS/BRIMONIDINE/EYE	975
MONKEYS/OFLOXACIN/EYE	977
MONKEYS/VISION/METHYLMERCURY	989
MONKEYS/RADIOTELEMETRY/CARDIOVASCULAR	1480
MONOAMINES/TURNOVER RATE/THALLIUM	1022
MONOCHLOROACETIC ACID/ASTROCYTES/GLUTATHIONE	1057
MONTE CARLO SIMULATION/CHEMICAL/RADIATION DOSE/UNCERTAINTY ANALYSIS	1149
MORPHOLOGIC RESPONSE/BILIARY TREE/CHEMICAL INJURY	714
MORPHOLOGY/ACRYLAMIDE/GROWTH CONE	769
MORPHOMETRICS/METHYLMERCURY/ASTROCYTES	990
MORPHOMETRY/OZONE/SULFURIC ACID	1230
MOTOR ACTIVITY/PESTICIDES/INTERACTIONS	292
MOTOR ACTIVITY/PESTICIDES/OPERANT BEHAVIOR	293
MOTOR ACTIVITY/NEUROTOXICITY/REGULATORY	295
MOTOR ACTIVITY/CORRELATION/CHOLINESTERASE INHIBITION	912
MOTOR ACTIVITY/NEUROTOXINS/FOB	1378
MOTOR ACTIVITY/FUNCTIONAL OBSERVATIONAL BATTERY/NEUROPATHOLOGY	1379
MOTOR ACTIVITY/SOLVENTS/RISK ASSESSMENT	1431
MOUSE/SALINE/INFUSION	865
MOUSE/1,1-DICHLOROETHYLENE/CYTOCHROME P-450 2E1	1457
MOUSE HEPATOCYTES/THIOLS/OXIDATIVE STRESS	606
MOUSE LIVER/DNA METHYLATION/HA-RAS	514
MOUSE LIVER/METHYLENE CHLORIDE/DNA DAMAGE	1074
MPTP/METHAMPHETAMINE/PARKINSONISM	1576
MT GENE TRANSCRIPTION/CELLULAR HYPERTROPHY/METALLOTHIONEIN	883
MTD/MTE/CHEMICAL CARCINOGENESIS/LONG-TERM STUDIES	475
MTDNA/GENOTOXICITY/DIETHYLSTILBESTROL	1271
MUCONALDEHYDE/DISTRIBUTION/MICE	1723
MUCONALDEHYDE METABOLITES/MUTAGENICITY/V79 CELLS	852

MUCONALDEHYDE METABOLITES/BENZENE/METABOLISM	1311
MULTI-ORGAN MODEL/SYNERGISM/LOW-DOSE COMBINATION	168
MULTI-ORGAN MODEL/CARCINOGENESIS/MEDIUM-TERM LIVER	961
MULTICASE/SENSITIZATION/STRUCTURE-ACTIVITY	1264
MULTIDRUG RESISTANCE (MDR)/PESTICIDES/INSECTICIDES/RESISTANCE	1543
MULTISTAGE CARCINOGENESIS/HALOGENATED PESTICIDE/TUMOR PROMOTERS	463
MUNITION CHEMICAL/TETRYL/DRUG METABOLIZING ENZYMES	706
MUNITION CHEMICAL/PATHOLOGY/2,4,6-TRINITROPHENYLMETHYLNITRAMINE	1560
MUNITION CHEMICALS/TRINITROBENZENE/DRUG METABOLIZING ENZYMES	709
MURINE MODEL/TOLUENE DIISOCYANATE/SENSITIZATION	1607
MUSCARINIC RECEPTOR/HIPPOCAMPUS/LEAD	502
MUSCARINIC RECEPTORS/FUNCTIONAL ENDPOINTS/ORGANOPHOSPHATES	907
MUSCARINIC RECEPTORS/ACETYLCHOLINESTERASE/ORGANOPHOSPHATES	919
MUSCARINIC RECEPTORS/NEUROBLASTOMA CELLS/ORGANOPHOSPHORUS ESTERS	920
MUTAGENESIS/AIDS/MITOCHONDRIA	531
MUTAGENIC ASSESSMENT/RISK ASSESSMENT/DRUG DEVELOPMENT	558
MUTAGENICITY/HYDRALAZINE/N-ACETYLTRANSFERASE	845
MUTAGENICITY/VITAMIN B15/IN VIVO/IN VITRO	846
MUTAGENICITY/PHENYLENEDIAMINE/STRUCTURE-ACTIVITY	847
MUTAGENICITY/V79 CELLS/MUCONALDEHYDE METABOLITES	852
MUTAGENICITY/REPELLENT/ACUTE	923
MUTAGENICITY/TRANSGENIC ANIMALS/VALIDATION	939
MUTAGENICITY/BENZO(A)PYRENE/TRANSGENIC MICE	941
MUTAGENICITY/MUTAMOUSE/HEXA VALENT CHROMIUM	943
MUTAGENICITY/GENOTOXICITY/AMES ASSAY	1273
MUTAGENICITY/GENOTOXICITY/VALIDATION STUDY	851
MUTAMOUSE/HEXA VALENT CHROMIUM/MUTAGENICITY	943
MUTANTS/TCDD/MCF-7 CELLS	734
MUTATION/INFLAMMATION/SILICA	278
MUTATION/DNA REPAIR/GENOTOXICITY	850
MUTATION/1,3-BUTADIENE/TRANSGENIC	942
MUTATION/BIOASSAY/GENOTOXICITY	1285b
MUTATIONS/H-RAS GENE/PANCREAS	513
MUTATOX/SEDIMENT/AMES ASSAY	1634
MYCOBACTERIA/PHYLOGENY/BIODEGRADATION	1630
MYCOBACTERIUM AVIUM/PHARMACOKINETICS/TOXICOKINETICS/ETHAMBUTOL	533
MYCOTOXIN/CYTOTOXICITY/ONCOGENES	516
MYCOTOXIN/T CELL/IMMUNOTOXICOLOGY	756
MYCOTOXIN/GENE EXPRESSION/INTERLEUKIN	757
MYCOTOXIN/PROGRAMMED CELL DEATH/FLOW CYTOMETRY	1423
MYELOTXICITY/HEPATOTOXICITY/ANTICANCER AGENTS	1105
MYOTOXICITY/PRAVASTATIN/METABOLIC SUPPLEMENTATION	818
N,N-DIMETHYLANILINE/METHEMOGLOBINEMIA/MIXTURE	824
N-ACETYLATION/GENOTOXICITY/BATRACYLIN	836
N-ACETYLTRANSFERASE/MUTAGENICITY/HYDRALAZINE	845
N-BUTYL-1-DEOXYNOJIRMYCIN/AIDS/THYROID	530
N-NITROSO COMPOUNDS/DIFFERENTIATION/DEVELOPMENTAL TOXICITY	591
N ^G -METHYL-L-ARGININE/ANTHYPOTENSIVE DRUG/NO SYNTHASE INHIBITOR	803
NANOPARTICLE/X-RAY CONTRAST/IODINATED	833
NAPHTHALENE/COVALENT BINDING	1701
NASAL CARBOXYLESTERASE/IN VITRO KINETICS	151
NASAL CARCINOGENESIS/RISK ASSESSMENT/CELL PROLIFERATION	536
NASAL CAVITY/VAPOR UPTAKE/ACETALDEHYDE	1194
NASAL IRRITATION/CHLORINE/INHALATION	1221
NASAL METABOLISM/MODELING/VINYL ACETATE	1209

1	NASAL TOXICITY/UPPER RESPIRATORY TRACT/RISK ASSESSMENT	155
8	NASAL TOXICITY/ALDEHYDES/MIXTURES	1195
1	NASAL TOXICITY/GLUTATHIONE DEPLETION/ETHYL ACRYLATE	1211
4	NASAL TOXICITY/OLFACTORY TOXICITY/ACRYLIC ACID	1212
3	NASAL TOXICITY/HEXAMETHYLPHOSPHORAMIDE/CELL PROLIFERATION	1218
3	NASAL TOXICITY/SHEEP/NITROGEN DIOXIDE	1225
6	NATURAL KILLER ACTIVITY/INFLUENZA VIRUS/TCDD	1515
0	NATURAL KILLER CELLS/IMMUNOTOXICOLOGY/SILICONE	1250
9	NATURAL PRODUCTS/HUMAN EXPOSURE/HYDROQUINONE	788
7	NCAM/TRIMETHYL TIN/MAP-2	504
2	NCAM/METHYLMERCURY/MAP-2	1113
7	NCAM/METHYLMERCURY/BRAIN	1114
9	NCI/NTP BIOASSAYS/QSAR/CARCINOGENICITY	474
0	NECROSIS/BILE ACID SEQUESTERANT/CHOLESTYRAMINE	1090
1	NEGATIVE REGULATORY ELEMENT/PHOSPHOROTHIOATE OLIGONUCLEOTIDE/RAT CYP1A1	125
8	NEOMYCIN/NEPHROTOXICITY/IN VITRO	317
5	NEOMYCIN/DMSA/LEAD	1002
6	NEONATAL/CHEMOPREVENTION/DIETHYLSTILBESTROL	45
7	NEONATES/SEVOFLURANE/BIOTRANSFORMATION	1718
2	NEOPLASIA/TGF- α /UTERUS	466
3	NEPHROPATHY/HYDROCARBON NEPHROPATHY/MALE RAT NEPHROPATHY	169
9	NEPHROPATHY/LEUKEMIA/MAMMARY TUMORS	1175
1	NEPHROTOXICITY/HEPATOTOXICITY/BIOACTIVATION	170
3	NEPHROTOXICITY/HEPATOTOXICITY/HALOANILINES	172
3	NEPHROTOXICITY/URINARY MARKERS/LDH ISOENZYMES	173
1	NEPHROTOXICITY/KALLIKREIN/VANCOMYCIN	174
3	NEPHROTOXICITY/SUCCINIMIDE/RENAL FUNCTION	177
4	NEPHROTOXICITY/METABOLISM/SUCCINIMIDE	180
8	NEPHROTOXICITY/GLUTATHIONE/p-AMINOPHENOL	181
0	NEPHROTOXICITY/DIABETES/CEPHALORIDINE	185
2	NEPHROTOXICITY/IMMUNOSUPPRESSANTS/CYTOTOXICITY	187
6	NEPHROTOXICITY/QUINONES/RENAL TRANSPORT	193
3	NEPHROTOXICITY/IN VIVO COVALENT BINDING/ACETAMINOPHEN	195
4	NEPHROTOXICITY/IN VITRO/NEOMYCIN	317
0	NEPHROTOXICITY/IN VITRO/PENTAMIDINE	532
3	NEPHROTOXICITY/TERT-BUTYL-HYDROXYANISOLE/GLUTATHIONE	651
	NEPHROTOXICITY/QUINONE-THIOETHERS/COVALENT BINDING	652
	NEPHROTOXICITY/BROMODICHLOROMETHANE/CHLOROFORM	1075
	NEPHROTOXICITY/BROMODICHLOROMETHANE/BROMOFORM	1076
	NEPHROTOXICITY/CYCLOSPORIN/TOTAL PARENTERAL NUTRITION	1181
	NEPHROTOXICITY/CYP2E1/ACETAMINOPHEN	1689
	NEPHROTOXICITY/DEHYDROGENASES/TARGETS	1695
4	NEROTOXICITY/AH RECEPTOR/CYP1A1	1341
5	NERVE/ANESTHESIA/BISULFITE	1348
5	NERVE GROWTH FACTOR/MAST CELLS/NEUROTROPHINS	1361
0	NERVE GROWTH FACTOR/NEUROTROPHINS/NEUROPEPTIDES	1362
1	NERVE TERMINAL/METHYLMERCURY/ZINC	1115
3	NEURITES/SCHWANN CELLS/REGENERATION	2
3	NEUROBEHAVIORAL/NEUROTOXICITY/NEUROPATHOLOGY	821
1	NEUROBEHAVIORAL/IBOGAINE HC1/PRECLINICAL TOXICITY STUDY	827
1	NEUROBEHAVIORAL/IBOGAINE HC1/PRECLINICAL TOXICITY STUDY	828
5	NEUROBEHAVIORAL/NEUROPSYCHOLOGICAL TESTS/PCBS	1062
4	NEUROBEHAVIORAL/TOXICOKINETICS/1,1,1-TRICHLOROETHANE	1370
1	NEUROBLASTOMA CELLS/ORGANOPHOSPHORUS ESTERS/MUSCARINIC RECEPTORS	920
9	NEUROCHEMISTRY/ORGANOPHOSPHATES/PREGNANCY	1530

NEUROCHEMISTRY/ORGANOPHOSPHORUS/DEVELOPMENTAL	1542
NEURODEGENERATION/CYANIDE/EXCITOTOXICITY	1577
NEURODEGENERATIVE DISEASES/NEUROTOXICITY/EXCITOTOXINS	1573
NEUROENDOCRINE/IMMUNOENHANCEMENT/COCAINE	1242
NEUROFILAMENT/1,2-DIETHYL BENZENE/CROSSLINKING	761
NEUROFILAMENT/CARBON DISULFIDE/CYTOSKELETON	764
NEUROFILAMENT/CARBON DISULFIDE/CROSSLINKING	765
NEUROGLIAL CELLS/NEUROREGENERATION/SCHWANN CELLS	4
NEURONAL EXCITABILITY/HIPPOCAMPAL SLICE/METHYLMERCURY	500
NEURONAL INJURY/REGENERATION/NEUROTOXICITY	1
NEURONS/CALCIUM/LEAD	249
NEURONS/TCDD/CALCIUM	508
NEURONS/MEMBRANE CURRENTS/PCBS	1349
NEUROPATHOLOGY/NOVEL FLUORESCENT METHOD/DOMOIC ACID	510
NEUROPATHOLOGY/NEUROBEHAVIORAL/NEUROTOXICITY	821
NEUROPATHOLOGY/MOTOR ACTIVITY/FUNCTIONAL OBSERVATIONAL BATTERY	1379
NEUROPATHY/AXONAL TRANSPORT/TAXOL	759
NEUROPATHY/BROMOPHENYLACETYLUREA/FUNCTIONAL OBSERVATIONAL BATTERY	1350
NEUROPATHY/UBIQUITIN/BROMOPHENYLACTYLUREA	1357
NEUROPATHY TARGET ESTERASE/SH-SY5Y HUMAN NEUROBLASTOMA CELLS/ACETYLCHOLINESTERASE	318
NEUROPEPTIDES/NERVE GROWTH FACTOR/NEUROTROPHINS	1362
NEUROPHILS/CYTOKINES/CHEMOTACTIC FACTORS	750
NEUROPSYCHOLOGICAL TESTS/PCBS/NEUROBEHAVIORAL	1062
NEUROREGENERATION/SCHWANN CELLS/NEUROGLIAL CELLS	4
NEUROTOXIC ESTERASE/ISOMALATHION/ACETYLCHOLINESTERASE	911
NEUROTOXIC ESTERASE/OPIDN/RATS	1356
NEUROTOXICITY/NEURONAL INJURY/REGENERATION	1
NEUROTOXICITY/REGULATORY/MOTOR ACTIVITY	295
NEUROTOXICITY/TRIMETHYLTIN/LEARNING	303
NEUROTOXICITY/INHALATION/ISOPROPANOL	304
NEUROTOXICITY/DOMOIC ACID/TOXICOKINETICS	386
NEUROTOXICITY/TRINITROBENZENE/REPRODUCTION	574
NEUROTOXICITY/SOLVENTS/DEVELOPMENTAL TOXICITY	583
NEUROTOXICITY/1,1,1-TRICHLOROETHANE/DEVELOPMENTAL	584
NEUROTOXICITY/ α -METHYLDOPAMINE/GLUTATHIONE	654
NEUROTOXICITY/ION HOMEOSTASIS/2,5-HEXANEDIONE	760
NEUROTOXICITY/NEUROPATHOLOGY/NEUROBEHAVIORAL	821
NEUROTOXICITY/PERMETHRIN/RATS	921
NEUROTOXICITY/PERMETHRIN/RATS	922
NEUROTOXICITY/CARPETS/SENSORY IRRITATION	970
NEUROTOXICITY/CARPETS/FUNCTIONAL OBSERVATIONAL BATTERY	971
NEUROTOXICITY/AUTOANTIBODY/MERCURY	1116
NEUROTOXICITY/AUTOANTIBODY/LEAD	1117
NEUROTOXICITY/AUTOANTIBODY/CADMIUM	1118
NEUROTOXICITY/AUTOANTIBODY/LEAD	1119
NEUROTOXICITY/QUINOLINIC ACID/COPPER	1129
NEUROTOXICITY/4-PHENYLCYCLOHEXENE/INHALATION	1237
NEUROTOXICITY/AUTOANTIBODY/OPIDN	1331
NEUROTOXICITY/TOLUENE/TRICHLOROETHYLENE	1335
NEUROTOXICITY/DOPAMINE/MDMA	1351
NEUROTOXICITY/LAZAROID U 74389F (ANTIOXIDANT)/ENDRIN	1355
NEUROTOXICITY/ β -N-METHYLAMINE-L-ALANINE/3',3'-IMINODIPROPIONITRILE	1369
NEUROTOXICITY/EVOKED POTENTIALS/TEST GUIDELINES	1374
NEUROTOXICITY/METHYLMERCURY/INTRACELLULAR CALCIUM	1494
NEUROTOXICITY/EXCITOTOXINS/NEURODEGENERATIVE DISEASES	1573

NEUROTOXICITY EVALUATION/RESTRAINT-INDUCED STRESS/CARPET EMISSIONS TESTING	967
NEUROTOXICITY SCREENING/CHOLINESTERASE INHIBITORS/FUNCTIONAL OBSERVATIONAL BATTERY	906
NEUROTOXICITY SCREENING BATTERY/RODENTS/HISTORICAL CONTROL DATA	1375
NEUROTOXICITY SCREENING BATTERY/PESTICIDES/RODENT	1538
NEUROTOXICOLOGY/IN VITRO/AXONAL TRANSPORT	758
NEUROTOXIN/PROCONVULSANT/CHEMICAL KINDLING	1340
NEUROTOXINS/FOB/MOTOR ACTIVITY	1378
NEUROTOXINS/FREE RADICALS/EXCITOTOXICITY	1575
NEUROTRANSMITTERS/PHOSALONE TOXICITY/BEHAVIORAL TOLERANCE	1358
NEUROTROPHIC FACTORS/NEUROTROPHINS/REGENERATION	5
NEUROTROPHINS/REGENERATION/NEUROTROPHIC FACTORS	5
NEUROTROPHINS/NERVE GROWTH FACTOR/MAST CELLS	1361
NEUROTROPHINS/NEUROPEPTIDES/NERVE GROWTH FACTOR	1362
NEUTROPHIL/PHOSPHOINOSITIDES/PCBS	950
NEUTROPHILS/ADHESION MOLECULES/SILICA	241
NEUTROPHILS/ENDOTOXIN/EPITHELIAL CELLS	244
NEUTROPHILS/HEPATOCYTES/NITRIC OXIDE	246
NEUTROPHILS/CIGARETTE SMOKE/EPITHELIAL INJURY/REPAIR	275
NEUTROPHILS/INFLAMMATION/LAVAGE	276
NEUTROPHILS/POLYCHLORINATED BIPHENYLS/CALCIUM	948
NEUTROPHILS/ENDOTOXIN/KUPFFER CELLS	1452
NEW METHOD/CORNEAL THICKNESS/EYE IRRITATION	985
NGF/ACRYLAMIDE/PC12	768
NICKEL/RETINOBLASTOMA GENE/TRANSFORMATION	523
NICKEL/TOXICITY/IN VITRO BACTERIAL ASSAY	901
NICKEL/APOPTOSIS	1426
NICKEL COMPOUNDS/LUNG CLEARANCE/TOXICOKINETICS	903
NICKEL SULFATE/CARCINOGENESIS	902
NICOTINE/C-MYC/CELL PROLIFERATION	427
NICOTINE/AXON BRANCHING/HIPPOCAMPAL NEURONS	509
NICOTINE/GLUCURONIDES/BILE	1706
NIPECOTAMIDES/AGGREGATION INHIBITORS/ANTIPLATELET	1553
NITRIC OXIDE/OZONE/LIVER	245
NITRIC OXIDE/NEUTROPHILS/HEPATOCYTES	246
NITRIC OXIDE/INHIBITION/AMPHIPHILIC DRUGS	736
NITRIC OXIDE/NITRIC OXIDE SYNTHASE/TRIMETHYLTIN	739
NITRIC OXIDE/SMOKELESS TOBACCO EXTRACT/VITAMIN E SUCCINATE	741
NITRIC OXIDE/UVB/SKIN	742
NITRIC OXIDE/TYPE II CELLS/SILICON DIOXIDE	745
NITRIC OXIDE/LUNG/OZONE	1227
NITRIC OXIDE (NO)/CYANIDE/VASCULAR	743
NITRIC OXIDE SYNTHASE/STIMULATION/PHENCYCLIDINE	735
NITRIC OXIDE SYNTHASE/METALS/INHIBITION	737
NITRIC OXIDE SYNTHASE/INHIBITION/PESTICIDES	738
NITRIC OXIDE SYNTHASE/TRIMETHYLTIN/NITRIC OXIDE	739
NITRIC OXIDE SYNTHASE/GLUTATHIONE/CYTOKINES	740
NITRIC OXIDE SYNTHASE/LIVER/CELL DEATH	931
NITRIFICATION/HERBICIDES/NITROGEN-FIXATION	1435
NITRITE/CYANIDE/METHEMOGLOBIN	825
NITRITE/DNA DEAMINATION/BUTYL NITRITE	856
NITROBENZENE/BIOLOGICAL MONITORING/PARA-NITROPHENOL	1571
NITROGEN DIOXIDE/SURFACTANTS/INTERFACIAL TRANSFER	150
NITROGEN DIOXIDE/GLUTATHIONE/PULMONARY ABSORPTION	618
NITROGEN DIOXIDE/NASAL TOXICITY/SHEEP	1225
NITROGEN DIOXIDE/CIGARETTE SMOKE/LUNG CLEARANCE	1676

NITROGEN-FIXATION/NITRIFICATION/HERBICIDES	1435
NITROPRUSSIDE/ENDOTHELIAL CELLS/ELECTRON PARAMAGNETIC RESONANCE	744
NITROSAMINE/PLANARIA/CARCINOGENESIS	472
NITROSAMINE/PLACENTA/CARBONYL REDUCTASE	1310
NK CELL/ETHANOL/FLOW CYTOMETRY	1246
NMDA/EXCITOTOXICITY/GLUTAMATE	1346
NMDA RECEPTOR/ZINC/LEAD	251
NMR SPECTROSCOPY/CYANIDE/CELL ENERGY	1332
NO SYNTHASE INHIBITOR/N ^G -METHYL-L-ARGININE/ANTIHYPOTENSIVE DRUG	803
NO ₂ /DUST MITE/IGE	417
NONCANCER/RISK/ASSESSMENT	1592
NONMUTAGENIC CARCINOGENS/DNA RECOMBINATION/DELETIONS	853
NONSTEROIDAL ANTIINFLAMMATORY DRUG/RENAL PAPILLARY NECROSIS/CARCINOGENICITY	166
NONTARGET ORGANISMS/INSECTICIDAL PLANTS/BENEFICIAL PLANTS	1546
NOSE-ONLY UNIT/MIXING/OPTIMUM OPERATING CONDITIONS	159
NOVEL FLUORESCENT METHOD/DOMOIC ACID/NEUROPATHOLOGY	510
NRK-49F CELL/ACIVICIN/Y-GLUTAMYLTRANSPEPTIDASE	640
NUCLEAR MAGNETIC RESONANCE SPECTROSC/METABOLISM/2-METHOXYETHANOL	1289
NUCLEAR RECEPTORS/SEIZURES - LINDANE/GENE EXPRESSION	448
NUCLEAR TYROSINE KINASES/PHOSPHORYLATION/RNA POLYMERASE II	1418
NUCLEO TRANSLOCATION OF ADDUCTS/LAMIN A/ACETAMINOPHEN:COVALENT BINDING	1691
NUCLEOSOMES/POLYMERASE/BENZO(A)PYRENE	839
NURSING DISORDER/HORMONE/BEHAVIOR	219
NUTRITION/CALORIC RESTRICTION/CARCINOGENICITY	932
O-XYLENE/BENZO(A)PYRENE/DNA ADDUCT	1293
OCCUPATIONAL/PHARMACEUTICALS/EXPOSURE LIMITS	1152
OCCUPATIONAL EXPOSURE/RISK ASSESSMENT/HAZARD SCREENING	1150
OCTAMETHYLCYCLOTETRAILOXANE/INHALATION/LIVER EFFECTS	698
OCTANOL/DRUG RESISTANCE/GAP JUNCTIONS	138
OCULAR/EYE/TETRACHLORVINPHOS	978
OCULAR/ALDOSE REDUCTASE INHIBITORS/BIOTRANSFORMATION	1313
OCULAR IRRITATION/EYE/IN VITRO ALTERNATIVES	988
OFFGASSING/CARPETS/IRRITANT	966
OFLOXACIN/EYE/MONKEYS	977
OKADAIC ACID/APOPTOSIS/RAS-ONCOGENE	167
OLEFINS/MICRONUCLEUS/IN VIVO	1277
OLFACTORY FUNCTION/IDPN/DICHOLOBENIL	297
OLFACTORY TOXICITY/ACRYLIC ACID/NASAL TOXICITY	1212
OLIGONUCLEOTIDES/CHOLESTEROL-CONJUGATED/CYTOCHROME P450 2B1	102
OLIGONUCLEOTIDES/REGULATION/CYTOCHROME P-450 2E1	124
ONCOGENE/DIOXIN/CELL PROLIFERATION	1624
ONCOGENE EXPRESSION/CC14 TOXICITY INHIBITORS/INDUCERS/AP-1 TRANSCRIPTION FACTOR	515
ONCOGENES/MYCOTOXIN/CYTOTOXICITY	516
ONCOGENES/TRANSGENE/TOXICOLOGY	938
ONCOGENES/CARCINOGENESIS/TCDD	1518
ONCOGENICITY/ISOPROPANOL/INHALATION	1219
ONCOGENICITY/METHYLETHYLKETOXIME/INHALATION	1220
ONCOGENICITY/INHALATION/SULFURYL FLUROIDE	1547
OOCYTE/GLUTATHIONE/MICROTUBULE	660
OOCYTE DESTRUCTION/FOLLICULAR DEVELOPMENT/REPRODUCTIVE SYSTEM	213
OPERANT BEHAVIOR/MOTOR ACTIVITY/PESTICIDES	293
OPLATE/ELECTROPHORESIS/HIBERNATION	300
OPIDN/NEUROTOXICITY/AUTOANTIBOGY	1331
OPIDN/RATS/NEUROTOXIC ESTERASE	1356
OPIDP/PERIPHERAL NERVE/SPINAL CORD	762

OPIDP/HUMAN/METHAMIDOPHOS	1534
OPTIMUM OPERATING CONDITIONS/NOSE-ONLY UNIT/MIXING	159
ORAL/TOXICITY/SUBCHRONIC TOXICITY	1595
ORAL MUCOSA/CONTACT HYPERSENSITIVITY/LOCAL LYMPH NODE ASSAY	1267
ORGAN CULTURE/LUNG/TIO ₂	153
ORGANIC CATIONS/PROXIMAL TUBULE/TRANSPORT	161
ORGANOCHLORINE/REPRODUCTION/ESTROGEN RECEPTOR	227
ORGANOPHOSPHATE/PIPERONYL BUTOXIDE/DEF DEFOLIANT	1520
ORGANOPHOSPHATE HYDROLYSIS/PARA OXON/A-ESTERASE	1297
ORGANOPHOSPHATE HYDROLYSIS/ORGANOPHOSPHORUS HYDROLASE (OPH)/BIODETOXIFICATION	1527
ORGANOPHOSPHATE INHIBITION/ACETYLCHOLINESTERASE INHIBITION/CHLORPYRIFOS-OXON	909
ORGANOPHOSPHATE-INDUCED DELAYED NEUR/PHENYL SALIGENIN PHOSPHATE/HEN	1532
ORGANOPHOSPHATES/ACETYLCHOLINESTERASE/IMMUNOTOXICOLOGY	414
ORGANOPHOSPHATES/MACROPHAGES/PHAGOCYTOSIS/KILLING	415
ORGANOPHOSPHATES/MUSCARINIC RECEPTORS/FUNCTIONAL ENDPOINTS	907
ORGANOPHOSPHATES/CHOLINESTERASES/AVIAN	908
ORGANOPHOSPHATES/ β -NAPHTHOFLAVONE/ALIESTERASES	915
ORGANOPHOSPHATES/MUSCARINIC RECEPTORS/ACETYLCHOLINESTERASE	919
ORGANOPHOSPHATES/MACROPHAGE/HL-60/DIFFERENTIATION	1254
ORGANOPHOSPHATES/PARATHION DESULFURATION/PHOSPHOROTHIONATE METABOLISM	1298
ORGANOPHOSPHATES/CHLORPYRIFOS/THERMOREGULATION	1354
ORGANOPHOSPHATES/DISPOSITION/PESTICIDE	1529
ORGANOPHOSPHATES/PREGNANCY/NEUROCHEMISTRY	1530
ORGANOPHOSPHATES/HEPATIC ALIESTERASES/ACETYLCHOLINESTERASE INHIBITION	1533
ORGANOPHOSPHATES/MILITARY SITES/SOIL CONTAMINANTS	1635
ORGANOPHOSPHORUS/PRE TREATMENT/PYRIDOSTIGMINE	1536
ORGANOPHOSPHORUS/DEVELOPMENTAL/NEUROCHEMISTRY	1542
ORGANOPHOSPHORUS ESTERS/MUSCARINIC RECEPTORS/NEUROBLASTOMA CELLS	920
ORGANOPHOSPHORUS HYDROLASE/CATALYSIS/METAL BINDING MOTIFS	892
ORGANOPHOSPHORUS HYDROLASE (OPH)/BIODETOXIFICATION/ORGANOPHOSPHATE HYDROLYSIS	1527
ORTHO-QUINONE/PHENOLS/QUINONE METHIDE	359
OSHA/REPRODUCTIVE EFFECTS/HAZARD RANKING	793
OSTEOBLAST/DIFFERENTIATION/TCDD	1508
OSTEOCALCIN/LEAD/CALCIUM	248
OSTEOCALCIN/LEAD/VITAMIN D RECEPTOR	1183
OSTEOCLASTS/CADMIUM/BONE RESORPTION	874
OSTEOPOROSIS/HISTOMORPHOMETRY/MARMOSETS	831
OSTEOPOROSIS/BONE METABOLISM/SULFATED POLYSACCHARIDE	1498
OUTREACH/PRECOLLEGE EDUCATION/UNDERGRADUATE RESEARCH	285
OVALBUMIN/HYPERSENSITIVITY/INFLUENZA VIRUS	1612
OVARIAN AHH/CIGARETTE SMOKE/OVARIAN DNA ADDUCTS	1677
OVARIAN CELLS/TCDD/REPRESSION	1615
OVARIAN DNA ADDUCTS/OVARIAN AHH/CIGARETTE SMOKE	1677
OVARIAN TOXICITY/TERATOGENICITY/4-VINYLCYCLOHEXENE	586
OVARY/ESTROGEN RECEPTOR/TCDD	730
OVERLOAD/PULMONARY CLEARANCE/PULMONARY INFLAMMATION PARTICLES	279
OVOTOXICITY/REACTIVE EPOXIDES/4-VINYLCYCLOHEXENE	212
OVULATION/CATECHOLAMINES/METAM SODIUM	214
OVULATION/CATECHOLAMINES/VALPROIC ACID	215
OXALATE/TRICHLOROACETATE/BROMODICHLOROACETATE	1464
OXAMYL/METHOMYL/ATROPINE/MEMANTINE	1545
OXIDANT INJURY/EPITHELIAL BARRIER/PULMONARY	1229
OXIDANT STRESS/DIQUAT/ACETAMINOPHEN	607
OXIDANT TUMOR PROMOTERS/SKIN CELLS/SECOND MESSENGERS	1496
OXIDATIVE DAMAGE/TRANSCRIPTION FACTOR/METABOLISM	442

OXIDATIVE DAMAGE/PROMOTER REGULATORY ELEMENT/GLUTATHIONE PEROXIDASE	444
OXIDATIVE DAMAGE/HEPATOCYTES/ESTROGEN	456
OXIDATIVE DAMAGE/ERYTHROCYTES/PEROXYL RADICAL	600
OXIDATIVE DAMAGE/HYDROXYL FREE RADICALS/MITOCHONDRIA	603
OXIDATIVE DAMAGE/DNA NICKING/HYDROXYL RADICAL	604
OXIDATIVE DAMAGE/DYES/RNA	623
OXIDATIVE DAMAGE/SPIN TRAPS/OZONE	636
OXIDATIVE DAMAGE/PARKINSON'S DISEASE/SPIN TRAPS	1336
OXIDATIVE DAMAGE/LIVER/PESTICIDES	1544
OXIDATIVE DAMAGE/CELLULAR ANTIOXIDANTS/CIGARETTE SMOKE	1681
OXIDATIVE INJURY/ALKYLATING AGENT/PRIMARY RENAL CELL CULTURE	605
OXIDATIVE INJURY/PLATELETS/MENADIONE	616
OXIDATIVE INJURY/MITOCHONDRIA/VITAMIN E	622
OXIDATIVE INJURY/METHEMOGLOBINEMIA/LIPID PEROXIDATION AND EXERCISE	627
OXIDATIVE INJURY/COLONOCYTES/GLUTATHIONE	646
OXIDATIVE INJURY/CARCINOGENESIS/METALS	1191
OXIDATIVE STRESS/TRANSCRIPTION FACTORS/OXYR	445
OXIDATIVE STRESS/MOUSE HEPATOCYTES/THIOLS	606
OXIDATIVE STRESS/HEART/ANTIMONY	608
OXIDATIVE STRESS/HYPOXIA/GLUTATHIONE	611
OXIDATIVE STRESS/COCAINE/FRUCTOSE	615
OXIDATIVE STRESS/MANGANESE/SUPEROXIDE DISMUTASE	634
OXIDATIVE STRESS/MELPHALAN/DNA ALKYLATION	635
OXIDATIVE STRESS/TUMOR NECROSIS FACTOR/RICIN	781
OXIDATIVE STRESS/LIPID METABOLITES/CHROMIUM SALTS	1004
OXIDATIVE STRESS/GLUTATHIONE/MERCURY	1631
OXYGEN CONSUMPTION/ALCOHOL/KUPFFER CELLS	1453
OXYGEN RADICALS/AGE/HYPEROXIA	601
OXYGEN RADICALS/PHAGOCYTOSIS/LYSOSOMES	631
OXYGEN RADICALS/CADMIUM/GENE MUTATION	849
OXYR/OXIDATIVE STRESS/TRANSCRIPTION FACTORS	445
OZONE/LIVER/NITRIC OXIDE	245
OZONE/INFLAMMATION/STRAIN DIFFERENCES	274
OZONE/MACROPHAGES/IMMUNOTOXICITY	479
OZONE/STRESS PROTEINS/CELL INJURY	624
OZONE/OXIDATIVE DAMAGE/SPIN TRAPS	636
OZONE/EXTRAPOLATION/DOSE-EFFECT	1222
OZONE/AGING/CELL PROLIFERATION	1223
OZONE/AGING/BRONCHO-ALVEOLAR LAVAGE	1224
OZONE/NITRIC OXIDE/LUNG	1227
OZONE/REACTIVE ABSORPTION/SURFACE LINING LAYER	1228
OZONE/SULFURIC ACID/MORPHOMETRY	1230
OZONE/PERMEABILITY/IL-1	1231
OZONE/PERMEABILITY/TNF	1232
OZONE DEPLETING SUBSTANCE REPLACEMENT/R-134A/BEHAVIORAL MEASURES	296
OZONE TOXICITY/ANTIOXIDANT PROTECTION/VITAMIN AND SELENIUM	632
P-450/METABOLIC ACTIVATION/RAT LIVER SLICES	25
P-450 1A1 INDUCTION/PAHS/FISH	1650
P-450 INDUCTION/CELL ACIDIFICATION/CARCINOGENESIS	677
P-GLYCOPROTEIN/BILE/EXCRETION	1439
P-GLYCOPROTEIN/EXCRETION/TAMOXIFEN	1596
P-NITROSOPHENOL/ALCOHOL DEHYDROGENASE/ETHANOL	690
P-NITROSOPHENOL/ALCOHOL DEHYDROGENASE/HUMAN ISOZYMES	1306
P34CDC2/CELL PROLIFERATION/FISH	1067
P34CDC2 KINASE/RATS/CELLULAR PROLIFERATION	422

P34CDC2 KINASE/PHENOBARBITAL/CELL PROLIFERATION	423
P450/PEROXYGENASE/ARACHIDONIC ACID	109
P450/P450IIB/P450IIE/ETHANOL/CHROMIUM/CHROMATE/CR(VI)	1007
P53/SKIN CANCER/PCR	519
P53/1,3-BUTADIENE/IMMUNOHISTOCHEMISTRY	520
P53/TUMOUR-SUPPRESSOR/CARCINOGENESIS	521
P53/BENZO(A)PYRENE/TERATOGENESIS	940
P53/MDM2 GENE/TCDD	1506
P53 ANTIONCOGENE/HEPATOCARCINOMA/TAMOXIFEN	1600
PAHS/IMMUNOTOXICOLOGY/MICE	16
PAHS/FISH/P-450 1A1 INDUCTION	1650
PAHS/GENOTOXICITY/SEDIMENTS	1656
PAHS/BIOMARKERS/FISH	1657
PANCREAS/CELL REPLICATION/PHENOBARBITONE	436
PANCREAS/MUTATIONS/H-RAS GENE	513
PANCREATIC ACINAR CELL TUMORS/PEROXISOME PROLIFERATORS/LEYDIG CELL TUMORS	1169
PAPILLOMAVIRUS/CYTOCHROME P-450/HUMAN TISSUES	490
PARA-NITROPHENOL/NITROBENZENE/BIOLOGICAL MONITORING	1571
PARACETAMOL/CYTOKINES/HEPATOTOXICITY	747
PARAOXON/TOLERANCE/ACETYLCHOLINESTERASE	913
PARAOXON/TOLERANCE/ACETYLCHOLINESTERASE	914
PARAOXON/A-ESTERASE/ORGANOPHOSPHATE HYDROLYSIS	1297
PARAOXON/CHOLINESTERASE INHIBITION/FUNCTIONAL BEHAVIOR	1371
PARAOXON/FISH/ACETYLCHOLINESTERASE	1519
PARAQUAT/IN VITRO TOXICOLOGY/FREE RADICAL SCAVENGERS	1525
PARATHION/ESTRADIOL/CATECHOLESTROGENS	1523
PARATHION/ETHANOL/CYTOCHROME P-450	1524
PARATHION DESULFURATION/PHOSPHOROTHIONATE METABOLISM/ORGANOPHOSPHATES	1298
PARKINSON'S DISEASE/SPIN TRAPS/OXIDATIVE DAMAGE	1336
PARKINSONISM/MPTP/METHAMPHETAMINE	1576
PAROXON/ANTAGONISM/CARRIER ERYTHROCYTES	1537
PARTIAL HEPATECTOMY/DIOXIN/CELL PROLIFERATION	1513
PARTICLE/UPPER RESPIRATORY TRACT/FISCHER 344 RAT	143
PARTICLES/RATS/INTRATRACHEAL	154
PARTURITION/DCB/UTERINE CONTRACTION	226
PATHOLOGY/HEPTA-CDD/TCDD/SUBCHRONIC TOXICITY	1040
PATHOLOGY/2,4,6-TRINITROPHENYLMETHYLNITRAMINE/MUNITIONCHEMICAL	1560
PATHOLOGY/IMMUNIZATION/PULMONARY	1669
PB-TK MODELING/3-D VISUALIZATION/TOXICOKINETICS	84
PBPK/BREAST MILK/TETRACHLOROETHYLENE	86
PBPK/DICHLOROMETHANE/ENZYME INHIBITION	376
PBPK/CELL PROLIFERATION/CHEMICAL MIXTURES	398
PBPK/CHLOROFORM/CANCER RISK	542
PBPK/GAS UPTAKE/HALON REPLACEMENTS	1660a
PBPK/MODELING/PHARMACOKINETICS	1715
PBPK MODEL/PYRENE/TOXICOKINETICS	75
PBPK MODELING/CYTOCHROME P-450/TRICHLOROETHYLENE	67
PBPK MODELING/ETHYLENE/ETHYLENE OXIDE	81
PBPK MODELING/RISK ASSESSMENT/2-METHOXYETHANOL	88
PBPK MODELING/VOLATILE ORGANIC CHEMICALS/PERMEABILITY CONSTANTS	670
PBPK MODELS/CHLOROFORM/DOSE-RESPONSE	65
PBPK, INTERSPECIES EXTRAPOLATION/PHARMACOKINETICS 2-METHOXYETHANOL/PHARMACOKINETICS 2-METHOXYACETIC ACI	399
PC12/NGF/ACRYLAMIDE	768
PC12 CELLS/2'CH3-MPTP/DIADENOSINE TETRAPHOSPHATE	1337

PCB/KUPFFER CELL/TUMOR NECROSIS FACTOR	1064
PCB CONGENER #77/ENVIRONMENTAL CONTAMINANT/LIVER ULTRASTRUCTURE	1459
PCBS/STRUCTURE-INDUCTION/CYP2B1/2	111
PCBS/STRUCTURE-INDUCTION/CYP2B1/2	120
PCBS/NEUTROPHIL/PHOSPHOINOSITIDES	950
PCBS/NEUROBEHAVIORAL/NEUROPSYCHOLOGICAL TESTS	1062
PCBS/METHODS/CONGENER SPECIFIC	1063
PCBS/TOXIC EQUIVALENCY/TCDD	1065
PCBS/ESTROGEN RECEPTOR/ESTRADIOL EQUIVALENTS	1066
PCBS/NEURONS/MEMBRANE CURRENTS	1349
PCBS/AROCLOR/LIVER	1458
PCBS/RISK ASSESSMENT/REFERENCE DOSE	1593
PCBS/MINK/GREAT LAKES FISH	1643
PCBS/MINK/GREAT LAKES FISH	1644
PCBS/DISPOSITION/CYTOCHROME P-450	1711
PCBS #77/EROD/CYTOCHROME P-450	116
PCBTF/HEPATOCYTE HYPERTROPHY/INHALATION TOXICITY	1213
PCDD/PCDF/TOXICOKINETICS/MODEL SIMULATION	1045
PCNA/CELL PROLIFERATION/HEPATOTOXICITY	421
PCR/P53/SKIN CANCER	519
PCR/SEQUENCING/DNA ADDUCTS	858
PDE III INHIBITOR/ARTERIOPATHY/HAEMODYNAMIC	1483
PENTACHLOROANISOLE/EXCRETION/METABOLISM	1714
PENTACHLOROPHENOL/PEROXIDASE/FREE RADICALS	1077
PENTACHLOROPHENOL/MITOCHONDRIAL TOXICITY/GLUTATHIONE S-TRANSFERASE	1455
PENTAMIDINE/NEPHROTOXICITY/IN VITRO	532
PEPTIDE/CYTOCHROME P-450/ANTIBODIES	92
PERCHLOROMETHYL MERCAPTAN/FOLPET TECHNICAL/INHALATION	1662
PERCUTANEOUS ABSORPTION/GASOLINE OXYGENATE/METHYL TERT-BUTYL ETHER (MTBE)	336
PERCUTANEOUS ABSORPTION/PESTICIDES/CLOTH	348
PERCUTANEOUS ABSORPTION/IN VITRO TOXICOLOGY/SKIN MODEL	349
PERCUTANEOUS ABSORPTION/2,4-D/SOIL	663
PERCUTANEOUS ABSORPTION/TOXICOKINETICS/SULFUR MUSTARD	669
PERFLUOROCARBOXYLIC ACIDS/GLUCOSE TRANSPORT/PEROXISOME PROLIFERATORS	1079
PERFLUORODECANOIC ACID/GENE EXPRESSION/PEROXISOME PROLIFERATOR	440
PERFLUORODECANOIC ACID/ACYL-COA BINDING PROTEIN/FATTY ACID-BINDING PROTEIN	1099
PERFORMANCE ENHANCEMENT/IMPROVED GRADES/EDUCATION/TEACHING	286
PERICENTRAL TOXICITY/TNF- α /HEPATOCYTES	1444
PERIPHERAL NERVE/SPINAL CORD/OPIDP	762
PERIPHERAL NEUROPATHY/GAP-43/ACRYLAMIDE	451
PERIPHERAL NEUROPATHY/DEMYELINATION/2',3'-DIDEOXYINOSINE	524
PERMEABILITY/PHARMACOKINETICS/DERMAL	668
PERMEABILITY/IL-1/OZONE	1231
PERMEABILITY/TNF/OZONE	1232
PERMEABILITY CONSTANTS/PBPK MODELING/VOLATILE ORGANIC CHEMICALS	670
PERMETHRIN/RATS/NEUROTOXICITY	921
PERMETHRIN/RATS/NEUROTOXICITY	922
PEROXIDASE/FREE RADICALS/PENTACHLOROPHENOL	1077
PEROXIDASES/TRANSPLACENTAL/5, 8, 11, 14-EICOSATETRAYNOIC ACID	588
PEROXISOME/YEAST/CADMIUM	873
PEROXISOME/LIVER/HYPOLIPIDEMIC	1100
PEROXISOME PROLIFERATION/LIVER/DI-(2-ETHYLHEXYL)ADIPATE	957
PEROXISOME PROLIFERATION/VITAMIN A/CIPROFIBRATE	1101
PEROXISOME PROLIFERATION/AROMATASE/C8	1163
PEROXISOME PROLIFERATION/CELL PROLIFERATION/CARCINOGENESIS	1166

PEROXISOME PROLIFERATION/LIVER/METHYLCLOFENAPATE	1167
PEROXISOME PROLIFERATION/TROUT/DEHYDROEPIANDROSTERONE	1171
PEROXISOME PROLIFERATION/CYTOCHROME P-450/TCDD	1510
PEROXISOME PROLIFERATION/PESTICIDES/CYTOCHROME P-450	1522
PEROXISOME PROLIFERATOR/PERFLUORODECANOIC ACID/GENE EXPRESSION	440
PEROXISOME PROLIFERATORS/LIVER SLICE/BILE	36
PEROXISOME PROLIFERATORS/PERFLUOROCARBOXYLIC ACIDS/GLUCOSE TRANSPORT	1079
PEROXISOME PROLIFERATORS/GEMFIBROZIL/FATTY ACID OXIDATION	1098
PEROXISOME PROLIFERATORS/4-METHYLPYRAZOLE/PROTEIN KINASE C	1165
PEROXISOME PROLIFERATORS/LEYDIG CELL TUMORS/PANCREATIC ACINAR CELL TUMORS	1169
PEROXISOME PROLIFERATORS/INITIATION/PROMOTION/DIETHYL/DIMETHYL-PHTHALATE	1170
PEROXISOME PROLIFERATORS/WY 14,643/CARCINOGENESIS	1172
PEROXISOMES/CALCIUM/CANCER	1096
PEROXISOMES/CIPROFIBRATE/ANALOGUES	1097
PEROXYGENASE/ARACHIDONIC ACID/P450	109
PEROXYL RADICAL/OXIDATIVE DAMAGE/ERYTHROCYTES	600
PERSISTANCE (T 1/2)/ACRYLONITRILE/TROUT	1713
PESTICIDE/ORGANOPHOSPHATES/DISPOSITION	1529
PESTICIDE MIXTURES/SYSY CELL LINE/ACETYLCHOLINESTERASE ACTIVITY	1353
PESTICIDES/INTERACTIONS/MOTOR ACTIVITY	292
PESTICIDES/OPERANT BEHAVIOR/MOTOR ACTIVITY	293
PESTICIDES/CLOTH/PERCUTANEOUS ABSORPTION	348
PESTICIDES/NITRIC OXIDE SYNTHASE/INHIBITION	738
PESTICIDES/REGULATORY/ADVERSE EFFECTS	795
PESTICIDES/LIVER	924
PESTICIDES/CARBOFURAN/METABOLISM	1521
PESTICIDES/CYTOCHROME P-450/PEROXISOME PROLIFERATION	1522
PESTICIDES/CARCINOGENICITY/CHIRAL	1531
PESTICIDES/RODENT/NEUROTOXICITY SCREENING BATTERY	1538
PESTICIDES/TOXIC EQUIVALENCY FACTORS/RISK ASSESSMENT	1540
PESTICIDES/HUMAN TISSUES/CARCINOGENESIS	1541
PESTICIDES/OXIDATIVE DAMAGE/LIVER	1544
PESTICIDES/VALIDATION/CLOTH PATCH TECHNIQUES	1660
PESTICIDES/INSECTICIDES/RESISTANCE/MULTIDRUG RESISTANCE (MDR)	1543
PETROLEUM/MICE/ACUTE	687
PETROLEUM/COMBUSTION/POLYCYCLIC AROMATIC HYDROCARBONS	1658
PHAGOCYTOSIS/MICROGRAVITY/MACROPHAGES	407
PHAGOCYTOSIS/LYSOSOMES/OXYGEN RADICALS	631
PHAGOCYTOSIS/LEAD/MACROPHAGES	898
PHAGOCYTOSIS/KILLING/ORGANOPHOSPHATES/MACROPHAGES	415
PHARMACEUTICAL INERTS/EXCIPIENTS/SAFETY GUIDELINES	796
PHARMACEUTICALS/REGULATORY/DATABASE	797
PHARMACEUTICALS/CARCINOGENICITY/DATABASE	798
PHARMACEUTICALS/CARCINOGENICITY/DATABASE	799
PHARMACEUTICALS/EXPOSURE LIMITS/OCCUPATIONAL	1152
PHARMACOGENETIC/METABOLISM IN PREGNANCY/METHOXYPHENAMINE	1712
PHARMACOGENETICS/ENVIRONMENT/HYPERSENSITIVITY	1268
PHARMACOKINETIC MODEL/CHLOROFORM/DOSIMETRY	77
PHARMACOKINETIC MODELING/TRICHLOROETHYLENE/CARBON TETRACHLORIDE	78
PHARMACOKINETIC MODELING/TRICHLOROETHYLENE/METABOLISM	1084
PHARMACOKINETIC MODELS/RISK ASSESSMENT/LEAD	55
PHARMACOKINETIC MODELS/ABSORPTION/LEAD	562
PHARMACOKINETICS/LEAD/PREGNANCY	54
PHARMACOKINETICS/HCF-123/HALOTHANE	66
PHARMACOKINETICS/ACRYLONITRILE/CYANOETHYLENE OXIDE	76

PHARMACOKINETICS/DISPOSITION/METABOLISM	82
PHARMACOKINETICS/AMYOTROPHIC LATERAL SCLEROSIS/INSULIN-LIKE GROWTH FACTOR	377
PHARMACOKINETICS/TRICHLOROACETATE (TCA)/DICHLOROACETATE (DCA)	382
PHARMACOKINETICS/MONKEYS/METHANOL	392
PHARMACOKINETICS/DERMAL/PERMEABILITY	668
PHARMACOKINETICS/AGING/TCDD	1046
PHARMACOKINETICS/POLYCHLORINATED BIPHENYLS/RATS	1059
PHARMACOKINETICS/PBPK/MODELING	1715
PHARMACOKINETICS/RATS/DEET	1717
PHARMACOKINETICS/SMALL INTESTINE/BIOTRANSFORMATION	1725
PHARMACOKINETICS 2-METHOXYACETIC ACI/PBPK, INTERSPECIES EXTRAPOLATION/PHARMACOKINETICS 2-METHOXYETHANOL	399
PHARMACOKINETICS 2-METHOXYETHANOL/PHARMACOKINETICS 2-METHOXYACETIC ACI/PBPK, INTERSPECIES EXTRAPOLATION	399
PHARMACOKINETICS/DISPOSITION/DOXORUBICIN/LIPOSOME	813
PHARMACOKINETICS/TOXICOKINETICS/ARSENIC/GLUTATHIONE	68
PHARMACOKINETICS/TOXICOKINETICS/CARBON TETRACHLORIDE/SENSITIVITY ANALYSIS	74
PHARMACOKINETICS/TOXICOKINETICS/ETHAMBUTOL/MYCOBACTERIUM AVIUM	533
PHARMACOKINETICS/CHOLINERGIC/ENZYME ASSAYS	1124
PHENCYCLIDINE/TEMPORAL RESPONSE DIFFERENTIATION/METHAMPHETAMINE	305
PHENCYCLIDINE/MK 801/INOSITOL POLYPHOSPHATES	804
PHENCYCLIDINE/NITRIC OXIDE SYNTHASE/STIMULATION	735
PHENOBARBITAL/MICE/CYTOCHROME P4502B1	117
PHENOBARBITAL/CELL PROLIFERATION/P34CDC2 KINASE	423
PHENOBARBITAL/BRDU/CELL PROLIFERATION	1569
PHENOBARBITONE/PANCREAS/CELL REPLICATION	436
PHENOLS/QUINONE METHIDE/ORTHO-QUINONE	359
PHENOLS/KINETICS/HYDROQUINONE	391
PHENOLS/FREE RADICALS/ANTIOXIDANT	1579
PHENOXYL RADICAL/THIOLS/PROTEIN OXIDATION	364
PHENOXYL RADICAL/VITAMIN E/HEART	612
PHENYL SALIGENIN PHOSPHATE/HEN/ORGANOPHOSPHATE-INDUCED DELAYED NEUR	1532
PHENYL-2-HYDROXYETHYL CYSTEINE/RENAL PROXIMAL TUBULE/CYTOTOXICITY	163
PHENYLENEDIAMINE/STRUCTURE-ACTIVITY/MUTAGENICITY	847
PHENYLPROPANOLAMINE/CARDIOVASCULAR/HYPERTENSION	1488
PHENYTOIN/EMBRYO CULTURE/GLUTATHIONE	589
PHEONOBARBITAL/CYTOCHROME P-450/ALLIGATOR	97
PHOSALONE TOXICITY/BEHAVIORAL TOLERANCE/NEUROTRANSMITTERS	1358
PHOSGENE/ALVEOLAR MACROPHAGES/TUMOR NECROSIS FACTOR-ALPHA	752
PHOSGENE/LUNG INJURY/PULMONARY EDEMA	1200
PHOSPHATIDYLINOSITOL/ALUMINUM/PHOSPHOLIPASE C	1366
PHOSPHODIESTERASE/LEAD/RETINA	1121
PHOSPHOINOSITIDE METABOLISM/COCAINE/DEVELOPMENTAL NEUROTOXICITY	1368
PHOSPHOINOSITIDES/PCBS/NEUTROPHIL	950
PHOSPHOLIPASE A2/KIDNEY/CELL DEATH	929
PHOSPHOLIPASE C/PHOSPHATIDYLINOSITOL/ALUMINUM	1366
PHOSPHOLIPIDOSIS/IN VITRO/MACROPHAGES	330
PHOSPHOLIPIDOSIS/CLORPHENTERMINE/MACROPHAGES	331
PHOSPHOLIPIDOSIS/IN VITRO/MACROPHAGES	332
PHOSPHOLIPIDS/PORPHYRIA/HEXACHLOROBENZENE	1073
PHOSPHOLIPIDS & CHOLESTEROL/DIMETHYLBENZ(A)ANTHRACENE/ETHANOL-INDUCED PROMOTION	468
PHOSPHOROTHIOATE OLIGONUCLEOTIDE/RAT CYP1A1/NEGATIVE REGULATORY ELELMENT	125
PHOSPHOROTHIONATE METABOLISM/ORGANOPHOSPHATES/PARATHION DESULFURATION	1298
PHOSPHORYLATION/GAP JUNCTIONS/TUMOR PROMOTERS	135
PHOSPHORYLATION/MICROTUBULES/CYTOSKELETON/ACRYLAMIDE	767

PHOSPHORYLATION/IMMUNOTOXICITY/POLYCYCLIC AROMATIC HYDROCARBONS	947
PHOSPHORYLATION/RNA POLYMERASE II/NUCLEAR TYROSINE KINASES	1418
PHOSPHORYLATION/APOPTOSIS/CALCIUM	1419
PHOSPHOTYROSINE/2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN/EPIDERMAL GROWTH FACTOR RECEPTOR	724
PHOTO-CHEMICAL MAPPING/LMPCR/DNA MODIFICATION	857
PHOTOTOXICITY/IN VITRO/DERMATOTOXICOLOGY	333
PHOTOTOXICITY/IN VITRO/HUMAN SKIN	347
PHOTOVOLTAIC MATERIALS/REPRODUCTIVE TOXICITY/DEVELOPMENTAL TOXICITY	581
PHOTOVOLTAIC METALS/DEVELOPMENTAL TOXICITY/HEMATOLOGIC TOXICITY	1019
PHOTOVOLTAIC METALS/REPRODUCTIVE TOXICITY/DEVELOPMENTAL TOXICITY	1020
PHYLOGENY/BIODEGRADATION/MYCOBACTERIA	1630
PHYSIOLOGIC-PHARMACOKINETIC MODEL/DDS/PLASTICS	79
PHYSIOLOGY/IN VITRO/METABOLISM	1308
PICLORAM/DEVELOPMENTAL TOXICITY/TOXICITY	579
PIM-1/KERATINOCYTES/IMMORTALIZED	518
PIPERONYL BUTOXIDE/DEFOLIANT/ORGANOPHOSPHATE	1520
PIROXICAM/DIFLUOROMETHYLORNITHINE/DFMO	811
PITUITARY HORMONES/TESTICULAR TUMORS/TESTES	460
PKC/CELL CYCLE/TCDD	1511
PKC INHIBITOR/SEX DIFFERENCES/HEPATIC CYTOLETHALITY	322
PLACENTA/PROSTACYCLIN/METALS	218
PLACENTA/DIDEOXYNOSINE/ANTI-HIV	525
PLACENTA/ANTI-HIV/TOXICITY	526
PLACENTA/CARBONYL REDUCTASE/NITROSAMINE	1310
PLANAR PCBS/MARINE MAMMALS/POLYCHLORINATED BIPHENYLS	1647
PLANARIA/CARCINOGENESIS/NITROSAMINE	472
PLANARIA/AIRBORNE (OR ATMOSPHERIC)/POLYCHLORINATED BIPHENYLS	1060
PLANTS/CYTOCHROME P-450/ALKOXYRESORUFIN ETHERS	122
PLASMALYTOSIS/POPLITEAL LYMPH NODE ASSAY/PROCAINAMIDE	1259
PLASMINOGEN ACTIVATOR/IMMUNOGENICITY/PRIMATE	819
PLASTICS/PHYSIOLOGIC-PHARMACOKINETIC MODEL/DDS	79
PLASTICS/BIOAVAILABILITY/BIODEGRADATION	1659
PLATELETS/MENADIONE/OXIDATIVE INJURY	616
PLATELETS/ENDOTOXIN/LIVER	682
PLATELETS/A-NAPHTHLSIOTHIOCYANATE/LIVER	1437
PLATINUM/BIOTRANSFORMATION/WR-2721	1707
POLYALKYLENE GLYCOL (PAG)/EXPOSURE ASSESSMENT/PULMONARY TOXICITY	1673
POLYCHLORINATED BIPHENYL/RESPONSE SURFACE METHODOLOGY/STRUCTURE ACTIVITY RELATIONSHIPS	538
POLYCHLORINATED BIPHENYLS/LYMPHOKINES/IMMUNE SUPPRESSION	17
POLYCHLORINATED BIPHENYLS/GROWTH/ENDOCRINE	222
POLYCHLORINATED BIPHENYLS/CALCIUM/NEUTROPHILS	948
POLYCHLORINATED BIPHENYLS/ESTROGENIC/THYROTOXIC	1058
POLYCHLORINATED BIPHENYLS/RATS/PHARMACOKINETICS	1059
POLYCHLORINATED BIPHENYLS/PLANARIA/AIRBORNE (OR ATMOSPHERIC)	1060
POLYCHLORINATED BIPHENYLS/STRUCTURE-ACTIVITY/ ³ H-PHORBOL ESTER BINDING	1352
POLYCHLORINATED BIPHENYLS/TYROSINE HYDROLYASE/LASER-SCANNING CONFOCAL MICROSCOPY	1372
POLYCHLORINATED BIPHENYLS/PLANAR PCBS/MARINE MAMMALS	1647
POLYCLONAL ANTIBODY RESPONSE/2-METHOXYETHANOL/RAT LYMPH NODE CELLS	1396
POLYCYCLIC AROMATIC HYDROCARBONS/INDUCTION/CYP1A2	496
POLYCYCLIC AROMATIC HYDROCARBONS/POLYCYCLIC ORGANIC MATTER/RISK ASSESSMENT	537
POLYCYCLIC AROMATIC HYDROCARBONS/IMMUNOSUPPRESSION/STRUCTURE ACTIVITY	755
POLYCYCLIC AROMATIC HYDROCARBONS/PHOSPHORYLATION/IMMUNOTOXICITY	947
POLYCYCLIC AROMATIC HYDROCARBONS/CALCIUM/IMMUNOTOXICITY	951
POLYCYCLIC AROMATIC HYDROCARBONS/CALCIUM/IMMUNOTOXICITY	953

POLYCYCLIC AROMATIC HYDROCARBONS/DNA SYNTHESIS/HEPATOCYTES	1029
POLYCYCLIC AROMATIC HYDROCARBONS/TCDD/IN VITRO	1514
POLYCYCLIC AROMATIC HYDROCARBONS/COMPLEX MIXTURES/HALOGENATED HYDROCARBONS	1563
POLYCYCLIC AROMATIC HYDROCARBONS/PETROLEUM/COMBUSTION	1658
POLYCYCLIC ORGANIC MATTER/RISK ASSESSMENT/POLYCYCLIC AROMATIC HYDROCARBONS	537
POLYMERASE/BENZO(A)PYRENE/NUCLEOSOMES	839
POLYNUCLEAR AROMATIC HYDROCARBONS/METABOLISM/BIOALKYLATION	1290
POLYOXYETHYLENE SORBITAN MONOLAURATE/POLYOXYETHYLENE SORBITAN MONOOLEATE/ DEVELOPMENT	582
POLYOXYETHYLENE SORBITAN MONOOLEATE/DEVELOPMENT/POLYOXYETHYLENE SORBITAN MONOLAURATE	582
POLYSORBATES/CILIA/TRACHEA	1674
POPLITEAL LYMPH NODE ASSAY/FLOW CYTOMETRY	1258
POPLITEAL LYMPH NODE ASSAY/PROCAINAMIDE/PLASMALYTOSIS	1259
PORPHYRIA/HEXACHLOROBENZENE/ALCOHOL	1071
PORPHYRIA/ESTRADIOL/HEXACHLOROBENZENE	1072
PORPHYRIA/HEXACHLOROBENZENE/PHOSPHOLIPIDS	1073
PORPHYRIA/LIVER/DOG	1104
PORPHYRIA/BINDING/HEXACHLOROBENZENE	1698
PORPHYRIN/DOG HEPATOCYTE/FERROCHELATASE	703
PORPHYRINS/ENVIRONMENTAL TOXICOLOGY/BIOLOGIC MARKERS	1639
POSITIVE CONTROL STUDY/DEVELOPMENTAL NEUROTOXICITY/METHOD VALIDATION	1377
POSTNATAL DEVELOPMENT/CARBON TETRACHLORIDE/TISSUE REPAIR	1461
POTABLE WATER/ACETONE/RISK ASSESSMENT	554
POTASSIUM CHANNELS/PRIMARY NEURONAL CELL CULTURE/PYRETHROID INSECTICIDES	1539
POTASSIUM OCTATITANATE/INHALATION TOXICOLOGY/FIBROUS AEROSOL	1672
POTENTIATION/HEPATOTOXICITY/CARBON TETRACHLORIDE	1051
PRAVASTATIN/METABOLIC SUPPLEMENTATION/MYOTOXICITY	818
PRE TREATMENT/PYRIDOSTIGMINE/ORGANOPHOSPHORUS	1536
PRECLINICAL SAFETY/BRAIN NATRIURETIC PEPTIDE (BNP)/BIOTECHNOLOGY	182
PRECLINICAL TOXICITY STUDY/NEUROBEHAVIORAL/IBOGAINE HCl	827
PRECLINICAL TOXICITY STUDY/NEUROBEHAVIORAL/IBOGAINE HCl	828
PRECOLLEGE EDUCATION/UNDERGRADUATE RESEARCH/OUTREACH	285
PREDICTIVE MODELS/RISK ASSESSMENT/BLOOD LEAD	57
PREDISPOSITION/CARCINOGENESIS/SUSCEPTIBILITY	1140
PREDNISOLONE/HOST RESISTANCE/IMMUNOMODULATION	408
PREGNANCY/PHARMACOKINETICS/LEAD	54
PREGNANCY/DELAYED OVULATION/THIRAM	216
PREGNANCY/KINETICS/LEAD	220
PREGNANCY/CYTOCHROME P-450/HEXACHLOROBIPHENYL	1061
PREGNANCY/AH LOCUS/DNA ADDUCTS	1281
PREGNANCY/LEAD/MENOPAUSE	1385
PREGNANCY/NEUROCHEMISTRY/ORGANOPHOSPHATES	1530
PRIMARY CULTURED HEPATOCYTES/GLUTATHIONE S-TRANSFERASE/RABBIT	1314
PRIMARY CULTURES/SURFACTANTS/DERMATOTOXICITY	351
PRIMARY NEURONAL CELL CULTURE/PYRETHROID INSECTICIDES/POTASSIUM CHANNELS	1539
PRIMARY RENAL CELL CULTURE/OXIDATIVE INJURY/ALKYLATING AGENT	605
PRIMATE/CT P-450/ALDOSE REDUCTASE INHIBITOR	91
PRIMATE/PLASMINOGEN ACTIVATOR/IMMUNOGENICITY	819
PRIORITIES/COMPARATIVE/ENVIRONMENTAL POLICY	792
PROBABILISTIC RISK ASSESSMENT/STOCHASTIC RISK ASSESSMENT/ARSENIC	551
PROBLEM-BASED LEARNING/COLLABORATIVE LEARNING/ENHANCED LEARNING	287
PROCAINAMIDE/PLASMALYTOSIS/POPLITEAL LYMPH NODE ASSAY	1259
PROCONVULSANT/CHEMICAL KINDLING/NEUROTOXIN	1340
PROGENITOR CELLS/STEM CELLS/HEMATOPOIETIC/BONE MARROW/ANTIPSYCHOTIC/OLANZAPINE	1549

PROGESTERONE/HEAVY METALS/GRANULOSA	327
PROGRAMMED CELL DEATH/FLOW CYTOMETRY/MYCOTOXIN	1423
PROGRESSION/ALTERED ENZYME PHENOTYPE/HEPATOCARCINOGENESIS	964
PROLACTIN/FESCUE/ERGOTS	784
PROLACTIN/APOPTOSIS/TCDD	1159
PROLACTIN/LYMPHOCYTES/COCAINE	1399
PROLIFERATION/MESANGIAL/BENZO(A)PYRENE	165
PROLIFERATION/PROMOTION/THYROID	426
PROLIFERATION/ACETAMINOPHEN/DNA DAMAGE	430
PROLIFERATION/LIVER/TAMOXIFEN	1598
PROMOTER REGULATORY ELEMENT/GLUTATHIONE PEROXIDASE/OXIDATIVE DAMAGE	444
PROMOTION/THYROID/PROLIFERATION	426
PROMOTION/CIGARETTE-SMOKE-CONDENSATE/ANIMAL-MODEL	462
PROOXIDANTS/RENAL PROXIMAL TUBULES/CYCLOSPORIN A	613
PROPAGULE/COLONY FORMING UNITS (CFU'S)/RESPIROMETER	1629
PROPANIL/STEMCELL/HEMOPOIESIS	1558
PROPELLANT/XM46/TERATOLOGY	585
PROPIDIUM IODIDE/CYTOTOXICITY ASSAY/TUMOR NECROSIS FACTOR	406
PROPIONIC ACID/FORESTOMACH/CELL PROLIFERATION	429
PROPOFOL/VERAPAMIL/XYLAZINE/KETAMINE	805
PROPYLENE GLYCOL/LIPID PEROXIDATION/CELL INJURY	164
PROSTACYCLIN/METALS/PLACENTA	218
PROSTAGLANDIN/BEHAVIOR/LIPOPOLYSACCHARIDE	291
PROSTAGLANDIN SYNTHESIS INHIBITOR/CYTOCHROME P-450 INDUCTION/TOXICOKINETICS	705
PROTEASES/TCDD/THYMUS	1626
PROTEASES/KERATINOCYTES/TCDD	1627
PROTEIN ADDUCT/METHYL DITHIOCARBAMATE/ISOTHIOCYANATE	1697
PROTEIN ADDUCTS/MENTHOFURAN/IMMUNOCHEMISTRY	365
PROTEIN ADDUCTS/METHYLENEDIPHENYL DIISOCYANATE (MDI)/BIOMARKERS	1411
PROTEIN ADDUCTS/LIVER/DICLOFENAC	1685
PROTEIN ADDUCTS/ELECTROSPRAY MASS SPECTROMETRY/QUINONE METHIDES	1696
PROTEIN ADDUCTS (TFA ADDUCTS)/E-LYSINE ACYLASE/HALOTHANE	679
PROTEIN CHANGES/LIVER/CIPROFIBRATE	1162
PROTEIN KINASE/CARCINOGENESIS/DICHLOROACETATE	960
PROTEIN KINASE C/ACROLEIN/ALDEHYDES	464
PROTEIN KINASE C/HIPPOCAMPUS/LEAD	503
PROTEIN KINASE C/TUMOR PROMOTION/9-ANTHRONES	676
PROTEIN KINASE C2-ACETYLAMINOFLUORENE/IMMUNOSUPPRESSION	946
PROTEIN KINASE C/PEROXISOME PROLIFERATORS/4-METHYLPYRAZOLE	1165
PROTEIN KINASES/LEAD/HIPPOCAMPAL NEURONS	501
PROTEIN OXIDATION/PHENOXYL RADICAL/THIOLS	364
PROTEIN OXIDATION/GLUTAMINE SYNTHETASE/GLUTATHIONE	599
PROTEIN OXIDATION/DIQUAT/MECHANISMS	610
PROTEIN PHOSPHATASE/MICROCYSTIN/CALYCULIN A	1094
PROTEIN SECRETION/SMOOTH MUSCLE CELLS/CELL PROLIFERATION	420
PROTEIN STRUCTURE/VENOM/WASP	785
PROTEIN SYNTHESIS/LUNG SLICES/ALKYLPHENOL	27
PROTEIN SYNTHESIS/THYMOCYTES/APOPTOSIS	1426
PROTEINS/ALLERGY/MODELS	1256
PROTEOLYSIS/TCDD/AH RECEPTOR	1518
PROTEOTOXICITY/STRESS 70/STRESS PROTEINS	1434
PROTO-ONCOGENE/BENZO(A)PYRENE/SMOOTH MUSCLE CELLS	511
PROTO-ONCOGENE/CADMIUM/METALLOTHIONEIN	1189
PROTOCOLS/TRANSGENE/INTESTINE	10
PROTOPORPHYRIA/IRON/CHELATORS	1102

PROXIMAL TUBULE/TRANSPORT/ORGANIC CATIONS	161
PROXIMAL TUBULE/ISOLATED PERFUSED TUBULE/BASOLATERAL HG TRANSPORT	996
PROXIMAL TUBULE CELLS/CISPLATIN NEPHROTOXICITY/RENAL CORTICAL SLICES	183
PSEUDO-EPIDERMIS/WATER PERMEATION BARRIER/BIS-(2-CHLOROETHYL) SULFIDE	343
PSEUDOMONAS/IN VITRO TOXICOLOGY/RICIN	782
PUBLIC HEALTH ASSESSMENT/TRAINING/ENVIRONMENTAL	288
PULMONARY/DUSTS/IN VITRO ASSAYS	147
PULMONARY/OXIDANT INJURY/EPITHELIAL BARRIER	1229
PULMONARY/PATHOLOGY/IMMUNIZATION	1669
PULMONARY ABSORPTION/NITROGEN DIOXIDE/GLUTATHIONE	618
PULMONARY ALVEOLAR MACROPHAGE/METABOLISM/BAP-COATED PARTICLE	1315
PULMONARY ALVEOLAR MACROPHAGE/DNA BINDING/METABOLISM OF BAP-COATED PARTICLE	1316
PULMONARY CLEARANCE/PULMONARY INFLAMMATION PARTICLES/OVERLOAD	279
PULMONARY EDEMA/PHOSGENE/LUNG INJURY	1200
PULMONARY ENDOTHELIUM/GLUTATHIONE ADDUCT/ACROLEIN	307
PULMONARY FIBROSIS/AMIODARONE/PULMONARY INFLAMMATION	272
PULMONARY INFLAMMATION/PULMONARY FIBROSIS/AMIODARONE	272
PULMONARY INFLAMMATION/SILICA/ACUTE TOXICITY	277
PULMONARY INFLAMMATION PARTICLES/OVERLOAD/PULMONARY CLEARANCE	279
PULMONARY INJURY/ALKALINE PHOSPHATASE/TYPE II CELLS	148
PULMONARY IRRITATION/METAL WORKING FLUID/SENSORY IRRITATION	1203
PULMONARY SPECIFIC/CLONING/CYTOCHROME P-450	104
PULMONARY SPECIFIC/CLONING/CYTOCHROME P-450	497
PULMONARY SURFACTANT/CIGARETTE SMOKE/INHALATION EXPOSURE	1679
PULMONARY TOXICITY/ACROLEIN/AEROSOL PARTICLE	1196
PULMONARY TOXICITY/POLYALKYLENE GLYCOL (PAG)/EXPOSURE ASSESSMENT	1673
PURINERGIC RECEPTORS/ATP/CALCIUM	1492
PYRENE/TOXICOKINETICS/PBPK MODEL	75
PYRETHROID INSECTICIDES/DYE-TRANSFER ASSAY/GAP JUNCTIONS	689
PYRETHROID INSECTICIDES/POTASSIUM CHANNELS/PRIMARY NEURONAL CELL CULTURE	1539
PYRIDINE/RENAL INDUCTION/CYTOCHROME P-450 2E1	198
PYRIDOSTIGMINE/ORGANOPHOSPHORUS/PRE TREATMENT	1536
PYRIMETHAMINE/IMMUNE FUNCTION/HOST-RESISTANCE	409
PYRIMETHAMINE/ZIDOVUDINE/AZT	529
PYRROLE/HAIR/2,5-HEXANEDIONE	1414
PYRROLES/BIOMARKERS/HEMOGLOBIN ADDUCTS	1415
PYRROLIZIDINE ALKALOID/JACOBINE/CARBOXYLESTERASE	1299
PYRROLIZIDINE ALKALOIDS/CARCINOGENICITY/HEPATOTOXICITY	567
Q-T INTERVAL/CARDIAC TOXICITY/ELECTROCARDIOGRAPHY	1478
QEEG/XYLAZINE/CANINE	1376
QSAR/CARCINOGENICITY/NCI/NTP BIOASSAYS	474
QUANTITATION/BROMODEOXYURIDINE/S-PHASE	1106
QUATERNARIES/SUBCHRONIC TOXICITY/TERATOLOGY	556
QUERCETIN/MECHANISMS OF DNA DAMAGE/GENOTOXITY	841
QUINOLINE/8-HYDROXYQUINOLINE/GLUTATHIONE	702
QUINOLINIC ACID/COPPER/NEUROTOXICITY	1129
QUINONE METHIDE/ORTHO-QUINONE/PHENOLS	359
QUINONE METHIDE/ALKYLPHENOL/HEPATOTOXICITY	363
QUINONE METHIDES/PROTEIN ADDUCTS/ELECTROSPRAY MASS SPECTROMETRY	1696
QUINONE OXIDOREDUCTASE/ENDOTHELIUM/DT-DIAPHORASE	1476
QUINONE-THIOETHERS/COVALENT BINDING/NEPHROTOXICITY	652
QUINONES/RENAL TRANSPORT/NEPHROTOXICITY	193
QUINONES/CALCIUM/MITOCHONDRIA	614
R-134A/BEHAVIORAL MEASURES/OZONE DEPLETING SUBSTANCE REPLACEMENT	296
RABBIT/FUMONISIN/KIDNEY	775

RABBIT/PRIMARY CULTURED HEPATOCYTES/GLUTATHIONE S-TRANSFERASE	1314
RABBIT PAPILLARY MUSCLE/RICIN/BAY K 8644	1487
RADIATION/SURFACTANT PROTEIN C/TYPE II PNEUMOCYTE	146
RADIATION/INTERLEUKIN-1/GENE EXPRESSION	452a
RADIATION/ATAXIA TELANGIECTASIA/REPRODUCTION	844
RADIATION/APOPTOSIS/LUNG	1421
RADICALS/ALCOHOL/LIVER TRANSPLANTATION	628
RADIOTELEMETRY/CARDIOVASCULAR/MONKEYS	1480
RADON-PROGENY/MICRONUCLEUS/LUNG FIBROBLASTS	1275
RAINBOW TROUT/EMBRYO/CYP2K1	105
RAINBOW TROUT/HORMONES/CYTOCHROME P-450	127
RAINBOW TROUT/GROWTH HORMONE/CYTOCHROME P-450	128
RAS-ONCOGENE/OKADAIC ACID/APOPTOSIS	167
RAT CYP1A1/NEGATIVE REGULATORY ELEMENT/PHOSPHOROTHIOATE OLIGONUCLEOTIDE	125
RAT HEPATOCYTES/CYTOCHROME P-450 INDUCTION/XENOBIOTICS	708
RAT LIVER SLICES/P-450/METABOLIC ACTIVATION	25
RAT LIVER SLICES/CYTOCHROME P-450/METABOLISM	28
RAT LONGEVITY/DIETARY PROTEIN/FC AND FEEDER DESIGN	1179
RAT LYMPH NODE CELLS/POLYCLONAL ANTIBODY RESPONSE/2-METHOXYETHANOL	1396
RAT LYMPHOCYTE RESPONSE/HEAVY METALS/METAL INTERACTIONS	419
RAT SMALL INTESTINE/GLUCOSE/CYSTEINE REGULATION	644
RAT SPERM MORPHOMETRY/AUTOMATED IMAGE ANALYSIS/REPRODUCTIVE TOXICANTS	205
RAT STRAIN COMPARISON/CARBON TETRACHLORIDE/HEPATOTOXICITY	1460
RAT SURVIVAL/CARCINOGENESIS/DIETARY RESTRICTION	933
RATS/INTRATRACHEAL/PARTICLES	154
RATS/INHALATION/CHLOROFORM	178
RATS/ACOUSTIC STARTLE/BEHAVIOR	301
RATS/CELLULAR PROLIFERATION/P34CDC2 KINASE	422
RATS/REPRODUCTION/INTERLEUKIN-1 RECEPTOR ANTAGONIST	575
RATS/GENTAMICIN/HISTOPATHOLOGY	814
RATS/BODYWEIGHT/INFUSION	860
RATS/TERATOLOGY/INFUSION	861
RATS/BLEEDING/JUGULAR VEIN	862
RATS/NEUROTOXICITY/PERMETHRIN	921
RATS/NEUROTOXICITY/PERMETHRIN	922
RATS/PHARMACOKINETICS/POLYCHLORINATED BIPHENYLS	1059
RATS/NEUROTOXIC ESTERASE/OPIDN	1356
RATS/DEET/PHARMACOKINETICS	1717
RD50/SAR/RESPIRATORY IRRITATION	1204
REACTIVATION/ACETYLCHOLINESTERASE/INHIBITION	904
REACTIVE ABSORPTION/SURFACE LINING LAYER/OZONE	1228
REACTIVE EPOXIDES/4-VINYLCYCLOHEXENE/OVOTOXICITY	212
REACTIVE INTERMEDIATE/COVALENT BINDING/HEPATOTOXICITY	358
REACTIVE INTERMEDIATES/CYSTEINE S-CONJUGATES/FLUOROALKENES	360
REACTIVE OXYGEN/HYDROQUINONE/COPPER	597
REACTIVE OXYGEN/HYDROQUINONE/SUPEROXIDE DISMUTASE	598
REACTIVE OXYGEN SPECIES/COCHLEA/HAIR CELL	329
REACTIVE-METABOLITE/ACYL GLUCURONIDE/HEPATOTOXICITY	715
REACTIVITY/TOLUENE DIISOCYANATE (TDI)/ISOLATED, PERFUSED LUNG	1239
RECEPTOR FUNCTION/RETINA/FENTHION	980
RECEPTORS/INVERTEBRATE/DIOXIN	1027
RECEPTORS/RETINOLIDS/CHEMOPREVENTION	1392
RECEPTORS/CELL PROLIFERATION/TCDD	1625
RECLAMATION/DIOXIN/SLUDGE	1642
RECOMBINANT/BIOTECHNOLOGY/BLOOD PRODUCT	24

RECOVERY/BORIC ACID/TESTIS	270
RECOVERY/CALCIUM AND PH/CORNEAL EPITHELIUM	983
RECREATIONAL EXPOSURES/EXPOSURE SURVEY/RISK ASSESSMENT	550
RECRUITMENT/HIGH SCHOOL/EDUCATION	282
REDOX/ARSENIC/GLUTATHIONE	1014
REDOX CYCLING/DICHLOROFLUOROSCEIN/TOXICODYNAMICS	625
REDUCTION/CYTOCHROME P-450/MICROSOMES	90
REFERENCE CONCENTRATION/BENCHMARK DOSE METHOD/CHROMIUM	59
REFERENCE CONCENTRATION/RESPIRATORY/ISOCYANATES	1594
REFERENCE DOSE/CHLORINATED COMPOUNDS/UNCERTAINTY FACTORS	1591
REFERENCE DOSE/PCBS/RISK ASSESSMENT	1593
REFLEX MODIFICATION/BRAINSTEM AUDITORY EVOKED POTENTIAL/3,3'-IMINODIPROPIONITRILE	1363
REGENERATION/NEUROTOXICITY/NEURONAL INJURY	1
REGENERATION/NEURITES/SCHWANN CELLS	2
REGENERATION/NEUROTROPHIC FACTORS/NEUROTROPHINS	5
REGENERATION/METALS/HORMESIS	1436
REGULATION/CYTOCHROME P-450 2E1/OLIGONUCLEOTIDES	124
REGULATORY/MOTOR ACTIVITY/NEUROTOXICITY	295
REGULATORY/ADVERSE EFFECTS/PESTICIDES	795
REGULATORY/DATABASE/PHARMACEUTICALS	797
REGULATORY/RESINS/SENSITIZATION	1265
REGULATORY TOXICOLOGY/IMMUNOSUPPRESSION/RISK ASSESSMENT	23
RELEASE/CADMIUM/DOPAMINE	1120
REMEDIATION/RISK ASSESSMENT/DEGRADATION RATE	548
RENAL ACTIVITY/GALLIUM ARSENIDE/INDIUM ARSENIDE	1018
RENAL CORTICAL SLICES/PROXIMAL TUBULE CELLS/CISPLATIN NEPHROTOXICITY	183
RENAL DYSFUNCTION/DIETARY SUPPLEMENTS/GERMANIUM TOXICITY	565
RENAL FUNCTION/NEPHROTOXICITY/SUCCINIMIDE	177
RENAL GSH AND HG TRANSPORT/RENAL HG ACCUMULATION/MERCURY-GLUTATHIONE	997
RENAL HG ACCUMULATION/MERCURY-GLUTATHIONE/RENAL GSH AND HG TRANSPORT	997
RENAL INDUCTION/CYTOCHROME P-450 2E1/PYRIDINE	198
RENAL INJURY CATTLE/APLASTIC ANAEMIA/TOXIC CYSTEINE CONJUGATES	194
RENAL PAPILLARY NECROSIS/CARCINOGENICITY/NONSTEROIDAL ANTIINFLAMMATORY DRUG	166
RENAL PROXIMAL TUBULE/CELL INJURY/CELL REGENERATION	160
RENAL PROXIMAL TUBULE/CELLULAR TOXICITY/M-BROMOPHENYL CYSTEINE	162
RENAL PROXIMAL TUBULE/CYTOTOXICITY/PHENYL-2-HYDROXYETHYL CYSTEINE	163
RENAL PROXIMAL TUBULE/CELL INJURY AND DEATH/EXTRACELLULAR ACIDOSIS	189
RENAL PROXIMAL TUBULE/GLYCINE RECEPTOR/CELL DEATH	190
RENAL PROXIMAL TUBULE/CELL DEATH/CYTOPROTECTION	930
RENAL PROXIMAL TUBULES/CYCLOSPORIN A/PROOXIDANTS	613
RENAL TRANSPORT/ANTINEOPLASTIC DRUGS/VINCA ALKALOIDS	186
RENAL TRANSPORT/NEPHROTOXICITY/QUINONES	193
RENAL TRANSPORT/HEAT SHOCK/CHEMICAL STRESS	1135
REPAIR/LOW DOSE	1428
REPELLENT/ACUTE/MUTAGENICITY	923
REPELLENT/TERATOLOGY/REPRODUCTIVE TOXICITY	925
REPELLENT/AQUATIC/AVIAN	926
REPERFUSION INJURY/LIPID PEROXIDATION/KUPFFER CELLS	626
REPRESSION/OVARIAN CELLS/TCDD	1615
REPRESSOR/CYP1A1/GENE REGULATION	493
REPRODUCTION/FERTILIZATION/3,3',4,4'-TETRACHLOROBIPHENYL	223
REPRODUCTION/ESTROGEN RECEPTOR/ORGANOCHLORINE	227
REPRODUCTION/NEUROTOXICITY/TRINITROBENZENE	574
REPRODUCTION/INTERLEUKIN-1 RECEPTOR ANTAGONIST/RATS	575
REPRODUCTION/AXIOLYTIC/SEROTININ	576

REPRODUCTION/4-VINYL-1-CYCLOHEXENEDIPOXIDE/GLUTATHIONE	656
REPRODUCTION/RADIATION/ATAXIA TELANGIECTASIA	844
REPRODUCTIVE/TOXICOLOGY/FEMALE	224
REPRODUCTIVE ALTERATIONS/TCDD/SEX DIFFERENTIATION	1502
REPRODUCTIVE EFFECTS/HAZARD RANKING/OSHA	793
REPRODUCTIVE PERFORMANCE/INTRAVENOUS INFUSION/TEMPERATURE	221
REPRODUCTIVE SYSTEM/OOCYTE DESTRUCTION/FOLLICULAR DEVELOPMENT	213
REPRODUCTIVE TOXICANTS/RAT SPERM MORPHOMETRY/AUTOMATED IMAGE ANALYSIS	205
REPRODUCTIVE TOXICITY/DISRUPTED PUBERTAL GROWTH/LEAD	256
REPRODUCTIVE TOXICITY/DEVELOPMENTAL TOXICITY/PHOTOVOLTAIC MATERIALS	581
REPRODUCTIVE TOXICITY/REPELLENT/TERATOLOGY	925
REPRODUCTIVE TOXICITY/DEVELOPMENTAL TOXICITY/PHOTOVOLTAIC METALS	1020
RESINS/THERMAL EMISSIONS/SENSORY IRRITATION	972
RESINS/SENSITIZATION/REGULATORY	1265
RESISTANCE/STYRENE/CELL PROLIFERATION	685
RESISTANCE/MULTIDRUG RESISTANCE (MDR)/PESTICIDES/INSECTICIDES	1543
RESOURCE/HUMAN/TISSUE	1138
RESPIRATORY/ISOCYANATES/REFERENCE CONCENTRATION	1594
RESPIRATORY/HYPERSENSITIVITY/IGE	1610
RESPIRATORY/BRONCHOVEOLAR LAVAGE/BIOLOGICAL MARKERS	1663
RESPIRATORY IRRITATION/RD50/SAR	1204
RESPIROMETER/PROPAGULE/COLONY FORMING UNITS (CFU'S)	1629
RESPONSE SURFACE METHODOLOGY/STRUCTURE ACTIVITY RELATIONSHIPS/ POLYCHLORINATED BIPHENYL	538
RESTRAINT-INDUCED STRESS/CARPET EMISSIONS TESTING/NEUROTOXICITY EVALUATION	967
RETENTION/FIBER/LUNG	141
RETINA/METHANOL/FOLATE	979
RETINA/FENTHION/RECEPTOR FUNCTION	980
RETINA/PHOSPHODIESTERASE/LEAD	1121
RETINA/LEAD/SODIUM-POTASSIUM ATPASE	1122
RETINA/APOPTOSIS/LEAD	1123
RETINAL PIGMENT EPITHELIUM/CYNOMOLGUS/ERG C-WAVE MEASUREMENT	976
RETINOBLASTOMA GENE/TRANSFORMATION/NICKEL	523
RETINOIC ACID/SKIN CARCINOGENESIS/MALIGNANT CONVERSION	671
RETINOIC ACID RECEPTOR/RETINOID/LIMB CULTURE	593
RETINOID/LIMB CULTURE/RETINOIC ACID RECEPTOR	593
RETINOIDS/CHEMOPREVENTION/RECEPTORS	1392
RETINOL/LIVER/CC14	1468
RHODAMINE 123/LASER CYTOMETRY/MITOCHONDRIA	319
RICIN/INHALATION/AEROSOL/TOXICITY	145
RICIN/VACCINATION/LUNG	779
RICIN/VACCINE/IMMUNIZATION	780
RICIN/OXIDATIVE STRESS/TUMOR NECROSIS FACTOR	781
RICIN/PSEUDOMONAS/IN VITRO TOXICOLOGY	782
RICIN/BAY K 8644/RABBIT PAPILLARY MUSCLE	1487
RISK/CHLORAMBEN/CANCER	539
RISK/ACETAMIDE/CANCER	541
RISK/EXPOSURE/HAZARD	1146
RISK/ASSESSMENT/NONCANCER	1592
RISK ASSESSMENT/REGULATORY TOXICOLOGY/IMMUNOSUPPRESSION	23
RISK ASSESSMENT/ARSENIC/CARCINOGENICITY	51
RISK ASSESSMENT/ARSENIC/EPA GUIDELINES	52
RISK ASSESSMENT/EXPOSURE MODELING/BLOOD LEAD	53
RISK ASSESSMENT/LEAD/PHARMACOKINETIC MODELS	55
RISK ASSESSMENT/LEAD/TOXICOKINETIC MODELS	56

RISK ASSESSMENT/BLOOD LEAD/PREDICTIVE MODELS	57
RISK ASSESSMENT/METALS/METHYLMERCURY	60
RISK ASSESSMENT/CADMIUM/TOXICOKINETICS	62
RISK ASSESSMENT/METALS/TRANSFORMATION	63
RISK ASSESSMENT/ROUTE-TO-ROUTE EXTRAPOLATION/METALS	64
RISK ASSESSMENT/2-METHOXYETHANOL/PBPK MODELING	88
RISK ASSESSMENT/NASAL TOXICITY/UPPER RESPIRATORY TRACT	155
RISK ASSESSMENT/ENVIRONMENT/EDUCATION	290
RISK ASSESSMENT/SKIN PERMEABILITY/IN VITRO METHODOLOGY	342
RISK ASSESSMENT/TCDD/HAHS	411
RISK ASSESSMENT/HAZARD IDENTIFICATION/IMMUNOTOXICITY	477
RISK ASSESSMENT/IMMUNOTOXICOLOGY/CYCLOSPORIN A	482
RISK ASSESSMENT/CELL PROLIFERATION/NASAL CARCINOGENESIS	536
RISK ASSESSMENT/POLYCYCLIC AROMATIC HYDROCARBONS/POLYCYCLIC ORGANIC MATTER	537
RISK ASSESSMENT/CARCINOGENICITY/METHYL TERTIARY BUTYL ETHER	540
RISK ASSESSMENT/DATA QUALITY OBJECTIVES/RISK BASED CRITERIA	544
RISK ASSESSMENT/EXPOSURE ASSESSMENT/CONTAMINANT TRANSPORT	546
RISK ASSESSMENT/VOLATILE ORGANIC COMPOUNDS/INHALATION	547
RISK ASSESSMENT/DEGRADATION RATE/REMEDICATION	548
RISK ASSESSMENT/CYANIDES/MANUFACTURED GAS PLANTS	549
RISK ASSESSMENT/RECREATIONAL EXPOSURES/EXPOSURE SURVEY	550
RISK ASSESSMENT/EXPOSURE ASSESSMENT/METALS	553
RISK ASSESSMENT/POTABLE WATER/ACETONE	554
RISK ASSESSMENT/DRUG DEVELOPMENT/MUTAGENIC ASSESSMENT	558
RISK ASSESSMENT/ENDOSULFAN/LOW NOEL	801
RISK ASSESSMENT/CALORIC RESTRICTION/TOXICITY STUDIES	934
RISK ASSESSMENT/DOSIMETRY/MODELING	1142
RISK ASSESSMENT/MACHINE LEARNING/DEVELOPMENTAL TOXICOLOGY	1145
RISK ASSESSMENT/HAZARD SCREENING/OCCUPATIONAL EXPOSURE	1150
RISK ASSESSMENT/SAFETY ANALYSIS/CONCENTRATION - LIMIT GUIDELINES	1151
RISK ASSESSMENT/2-METHYL-4,5-TRIMETH-4-ISOTH-3-ONE/SKIN SENSITIZATION	1263
RISK ASSESSMENT/U-SHAPED/DOSE-RESPONSE	1427
RISK ASSESSMENT/SOLVENTS/BEHAVIOR	1430
RISK ASSESSMENT/MOTOR ACTIVITY/SOLVENTS	1431
RISK ASSESSMENT/TISSUE REPAIR/DOSE-RESPONSE	1432
RISK ASSESSMENT/DOSE-RESPONSE/TCDD	1516
RISK ASSESSMENT/DOSE-RESPONSE/TCDD	1517
RISK ASSESSMENT/PESTICIDES/TOXIC EQUIVALENCY FACTORS	1540
RISK ASSESSMENT/DEXAMETHASONE/IMMUNOTOXICITY	1583
RISK ASSESSMENT/ACRYLAMIDE/EXTRAPOLATION	1586
RISK ASSESSMENT/REFERENCE DOSE/PCBS	1593
RISK ASSESSMENT/ENVIRONMENTAL	1641
RISK BASED CRITERIA/RISK ASSESSMENT/DATA QUALITY OBJECTIVES	544
RNA/OXIDATIVE DAMAGE/DYES	623
RNA POLYMERASE II/NUCLEAR TYROSINE KINASES/PHOSPHORYLATION	1418
RODENT/SURVIVAL/CARCINOGENICITY	1177
RODENT/NEUROTOXICITY SCREENING BATTERY/PESTICIDES	1538
RODENTS/HISTORICAL CONTROL DATA/NEUROTOXICITY SCREENING BATTERY	1375
ROS 172.8/KINETICS/CADMIUM	870
ROTENONE/TAXOL/CELL PROLIFERATION	39
ROUTE OF ADMINISTRATION/TESTICULAR TOXICITY/1,3-DINITROBENZENE METABOLISM	265
ROUTE-TO-ROUTE EXTRAPOLATION/METALS/RISK ASSESSMENT	64
RWJ-22164/TOCOTLYTIC AGENT/GENERAL TOXICOLOGY	832
S-BR-(DIGSYL)HO/HISTONE MRNA/GENE EXPRESSION	653
S-METHYL N,N-DIETHYLTHIOL CARBAMATE/DISULFIRAM BIOACTIVATION/CYTOCHROME P-450 2A/3A	495

S-PHASE/QUANTITATION/BROMODEOXYURIDINE	1106
SAFETY/AMYOTROPHIC LATERAL SCLEROSIS/INSULIN-LIKE GROWTH FACTOR	378
SAFETY ANALYSIS/CONCENTRATION - LIMIT GUIDELINES/RISK ASSESSMENT	1151
SAFETY ASSESSMENT/CONTINUOUS INFUSION/DEVICES	1479
SAFETY GUIDELINES/PHARMACEUTICAL INERTS/EXCIPIENTS	796
SALICYLATE/MATERNAL REPRODUCTIVE/GESTATION	217
SALINE/INFUSION/MOUSE	865
SALIVA/BIOMARKERS/IGA	13
SAR/RESPIRATORY IRRITATION/RD50	1204
SCHWANN CELLS/REGENERATION/NEURITES	2
SCHWANN CELLS/NEUROGLIAL CELLS/NEUROREGENERATION	4
SCID MOUSE/THYMUS/IMMUNOTOXICITY	480
SCREEN/ANTIFIBROGENIC/ANTICIRRHOTIC/LIPOCYTE	313
SCREEN/AH RECEPTOR/AGONISTS	1614
SCREENING TEST/DRUSOPHILA BIOASSAY/DEVELOPMENTAL TOXICITY	594
SCREENING TOOL/DOSE RECONSTRUCTION/CHEMICALS/RADIONUCLIDES	1148
SEAFOOD CONSUMPTION/FLORIDA/EXPOSURE ASSESSMENT	563
SEB/INHALATION/AEROSOL/TOXICITY	1671
SECALONIC ACID D/BINDING/CLAY	790
SECOND MESSENGERS/CYTOCHROME P-450/HEPATOCYTES	113
SECOND MESSENGERS/OXIDANT TUMOR PROMOTERS/SKIN CELLS	1496
SECRETION/2,5-HEXANEDIONE/SERTOLI CELLS	263
SEDIMENT/AMES ASSAY/MUTATOX	1634
SEDIMENTS/PAHS/GENOTOXICITY	1656
SEIZURES - LINDANE/GENE EXPRESSION/NUCLEAR RECEPTORS	448
SELENITE/GLUTATHIONE/ACTIVE OXYGEN	1008
SELENIUM/METALLOTHIONEIN/CADMIUM	875
SELENIUM/ACTIVE OXYGEN/DNA STRAND BREAKS	1009
SELENIUM/SELENOPROTEIN/KINETICS	1010
SELENIUM METABOLISM/FLAVIN-CONTAINING MONOOXYGENASE/DIMETHYLSELENIDE	371
SELENOPROTEIN/KINETICS/SELENIUM	1010
SEMEN/HISTOPATHOLOGY/TESTES	206
SEMEN/TESTES/HISTOPATHOLOGY	266
SENSITIVITY/ACETYLCHOLINESTERASE/ERYTHROCYTE	1564
SENSITIVITY ANALYSIS/PHARMACOKINETICS/TOXICOKINETICS/CARBON TETRACHLORIDE	74
SENSITIZATION/STRUCTURE-ACTIVITY/MULTICASE	1264
SENSITIZATION/REGULATORY/RESINS	1265
SENSITIZATION/ADDUCTS/TOLUENE DIISOCYANATE	1409
SENSITIZATION/MURINE MODEL/TOLUENE DIISOCYANATE	1607
SENSITIZATION TEST/CONTACT DERMATITIS/MAXIMIZATION TEST	1266
SENSORY IRRITATION/LOW LEVEL VOC EXPOSURE/INDOOR AIR	968
SENSORY IRRITATION/ASTM E981/CARPETS	969
SENSORY IRRITATION/NEUROTOXICITY/CARPETS	970
SENSORY IRRITATION/RESINS/THERMAL EMISSIONS	972
SENSORY IRRITATION/PULMONARY IRRITATION/METALWORKING FLUID	1203
SENSORY IRRITATION/INHALATION/THERMAL EMISSIONS	1205
SENSORY IRRITATION/INHALATION/THERMAL EMISSIONS	1206
SENSORY IRRITATION/TRIETHYLENE GLYCOL/AEROSOL	1207
SENSORY IRRITATION/HYPERSENSITIVITY/GLUTARALDEHYDE	1208
SEQUENCING/DNA ADDUCTS/PCR	858
SEROTININ/REPRODUCTION/AXIOLYTIC	576
SEROTONIN/LEAD/BRAIN	1126
SERTOLI CELLS/SECRETION/2,5-HEXANEDIONE	263
SERUM FACTOR/COCAINE/IMMUNOSUPPRESSION	1240
SEVOFLURANE/METABOLISM/LIVER	691

SEVOFLURANE/BIOTRANSFORMATION/NEONATES	1718
SEX DIFFERENCE/TCDD/CYTOCHROME P-450	1504
SEX DIFFERENCES/HEPATIC CYTOLETHALITY/PKC INHIBITOR	322
SEX DIFFERENTIATION/REPRODUCTIVE ALTERATIONS/TCDD	1502
SEX HORMONES/IGA NEPHROPATHY/VOMITOXIN	1247
SEX-RELATED DIFFERENCES/BUTADIENE/CYTOCHROME P-450	101
SEXUAL DIFFERENTIATION/BRAIN NUCLEI/TCDD	731
SEXUAL DIMORPHISM/COVALENT BINDING/DRUG METABOLISM	93
SH-SY5Y HUMAN NEUROBLASTOMA CELLS/ACETYLCHOLINESTERASE/NEUROPATHY TARGET ESTERASE	318
SHEEP/NITROGEN DIOXIDE/NASAL TOXICITY	1225
SHEEP RED BLOOD CELLS/HUMORAL IMMUNITY/HAZARD IDENTIFICATION	400
SIGNAL PROCESSING/STARTLE RESPONSE/BEHAVIOR	301a
SIGNALLING/IMMUNOSUPPRESSION/CALCIUM	952
SILICA/IN VITRO/DIATOMS	142
SILICA/MAP KINASE/MACROPHAGES	240
SILICA/NEUTROPHILS/ADHESION MOLECULES	241
SILICA/ACUTE TOXICITY/PULMONARY INFLAMMATION	277
SILICA/MUTATION/INFLAMMATION	278
SILICA/CYTOKINES/INFLAMMATION	751
SILICON CARBIDE WHISKERS/MESOTHELIOMA/FIBERS/PARTICLES	1664
SILICON DIOXIDE/NITRIC OXIDE/TYPE II CELLS	745
SILICONE/MAMMARY IMPLANT/CARCINOGENICITY BIOASSAY	835
SILICONE/NATURAL KILLER CELLS/IMMUNOTOXICOLOGY	1250
SILICONE/DISPOSITION/DERMAL ABSORPTION	1720
SILICONES/ADJUVANCY/HYPERSENSITIVITY	20
SILOXANE/INHALATION/DEVELOPMENTAL	572
SIMULATION/FOCAL GROWTH/CARCINOGENESIS	1144
SINGLE CELL GEL/IN VIVO TOXICOLOGY/DNA DAMAGE	9
SINUSOIDAL CELLS/LIVER TRANSPLANTATION/ELECTRON MICROSCOPY	1089
SISTER CHROMATID EXCHANGES/STYRENE OXIDE/HUMAN LYMPHOCYTES	843
SIZE-SELECTED/CHRYSOITILE/ASBESTOS FIBERS	152
SKIN/CYTOCHROME P-450/IN VITRO	337
SKIN/ABSORPTION/ARSENICALS	355
SKIN/IMMUNOMODULATION/SOLVENTS	412
SKIN/ULTRA VIOLET RADIATION/IMMUNOLOGY	478
SKIN/CONTACT SENSITIZATION/HUMANS	557
SKIN/ABSORPTION/CARBARYL	664
SKIN/ERYTHEMA/SULFUR MUSTARD	666
SKIN/NITRIC OXIDE/UVB	742
SKIN ABSORPTION/ETHYLENE OXIDE/KINETICS	667
SKIN CANCER/PCR/P53	519
SKIN CARCINOGENESIS/MALIGNANT CONVERSION/RETINOIC ACID	671
SKIN CELLS/SECOND MESSENGERS/OXIDANT TUMOR PROMOTERS	1496
SKIN IRRITATION/IN VITRO/ARACHIDONIC ACID	335
SKIN KERATINOCYTES/SURFACTANTS/CYTOTOXICITY	354
SKIN MODEL/PERCUTANEOUS ABSORPTION/IN VITRO TOXICOLOGY	349
SKIN PENETRATION/TOPICAL SKIN PROTECTANT/ACETYLCHOLINESTERASE	341
SKIN PERMEABILITY/IN VITRO METHODOLOGY/RISK ASSESSMENT	342
SKIN RESERVOIR/BIOAVAILABILITY/ABSORBED DOSE	662
SKIN SENSITIZATION/RISK ASSESSMENT/2-METHYL-4,5-TRIMETH. 4-ISOTH.-3-ONE	1263
SKIN SENSITIZATION/TUMOR NECROSIS FACTOR/LANGERHANS CELLS	1605
SKIN SENSITIZATION/CYTOKINES/LYMPH NODE CELLS	1606
SKIN TUMOR/LATENCY TIME/DOSE-RESPONSE	465
SLUDGE/RECLAMATION/DIOXIN	1642
SMALL INTESTINE/CYTOCHROME P-450/INDUCERS	491

SMALL INTESTINE/BIOTRANSFORMATION/PHARMACOKINETICS	1725
SMELTER EMISSIONS/LEAD/EXPOSURE	58
SMOKE/HISTOPATHOLOGY/INHALATION	721
SMOKE, PASSIVE/LUNG TOXICITY/GENE EXPRESSION	1680
SMOKELESS TOBACCO EXTRACT/VITAMIN E SUCCINATE/NITRIC OXIDE	741
SMOKERS/HEMOGLOBIN/4-AMINOBIIPHENYL	1472
SMOOTH MUSCLE CELLS/CELL PROLIFERATION/PROTEIN SECRETION	420
SMOOTH MUSCLE CELLS/PROTO-ONCOGENE/BENZO(A)PYRENE	511
SMOOTH MUSCLE CELLS/BENZO(A)PYRENE/C-HA-RAS	512
SOD/ANTIOXIDANT GENE/ATX1	441
SODIUM SAACHARIN/MALE/FEMALE/URINE	438
SODIUM-POTASSIUM ATPASE/RETINA/LEAD	1122
SOIL/PERCUTANEOUS ABSORPTION/2,4-D	663
SOIL/TRICHLOROETHYLENE/DERMAL BIOAVAILABILITY	673
SOIL CONTAMINANTS/ORGANOPHOSPHATES/MILITARY SITES	1635
SOLVENTS/TOXICOKINETICS/MIXTURES	69
SOLVENTS/TOXICOKINETICS/MIXTURES	72
SOLVENTS/TOXICOKINETICS/BIOTRANSFORMATION	380
SOLVENTS/SKIN/IMMUNOMODULATION	412
SOLVENTS/DEVELOPMENTAL TOXICITY/NEUROTOXICITY	583
SOLVENTS/BEHAVIOR/RISK ASSESSMENT	1430
SOLVENTS/RISK ASSESSMENT/MOTOR ACTIVITY	1431
SOLVOLYTIC PRODUCTS/BUTADIENE/BUTADIENE MONOXIDE	367
SOMATOSENSORY FUNCTION/METHYLMERCURY/DEVELOPMENTAL EXPOSURE	991
SPECIES/IMMUNOSUPPRESSION/MAA	403
SPECIES COMPARISON/MACROPHAGES/IMMUNE SYSTEM	402
SPECIES COMPARISON/DICHLORVINYL CYSTEINE/TRICHLOROETHYLENE	1085
SPECIES DIFFERENCE/DISPOSITION/2-[14c] ACRYLONITRILE	1719
SPECIES DIFFERENCES/4-VINYLCYCLOHEXENE/METABOLISM	1312
SPERM/ACRYLAMIDE/GLUTATHIONE	203
SPERMATOGENESIS/FUNGICIDE/TESTES	267
SPERMATOGENESIS/IN UTERO AND LACTATIONAL/TCDD	1499
SPERMATOZOA/DNA ADDUCTS/CISPLATIN	204
SPHINGOLIPID/CATFISH/FUMONISIN B1	771
SPHINGOLIPID/LLC-PK1 CELL/FUMONISIN	772
SPHINGOLIPID METABOLISM/FUMONISIN/BIOMARKERS	770
SPIN TRAPS/OZONE/OXIDATIVE DAMAGE	636
SPIN TRAPS/OXIDATIVE DAMAGE/PARKINSON'S DISEASE	1336
SPINAL CORD/OPDP/PERIPHERAL NERVE	762
SPLEEN/DNA DAMAGE/DIMETHYLNITROSAMINE	1280
SPLEEN/LINOLEIC ACID ANILIDE/IRON OVERLOAD	1557
SPRAGUE-DAWLEY RAT/BODYWEIGHT/SURVIVAL	1178
SPRAGUE-DAWLEY RATS/SURVIVAL RATES/COMPARISON STUDY	1176
STABILITY/CYTOCHROME P-450/HUMAN	110
STAGEWISE DESIGN/STATISTICAL DESIGN/ANIMAL REDUCTION	567a
STARTLE RESPONSE/BEHAVIOR/SIGNAL PROCESSING	301a
STATISTICAL DESIGN/ANIMAL REDUCTION/STAGEWISE DESIGN	567a
STEMCELL/HEMOPOIESIS/PROPANIL	1558
STEROID/INDUCTION/SULFOTRANSFERASE	1328
STIMULATION/PHENCYLIDINE/NITRIC OXIDE SYNTHASE	735
STOCHASTIC/MODEL/DOSE-RESPONSE	1143
STOCHASTIC MODELING/LEAD/CANCER POTENCY	543
STOCHASTIC RISK ASSESSMENT/ARSENIC/PROBABILISTIC RISK ASSESSMENT	551
STOMACH PH/DIDEOXYTOSINE/BIOAVAILABILITY	379
STRAIN A MICE/TUMORIGENIC/MANUFACTURED GAS PLANT RESIDUE	470

STRAIN COMPARISONS/TRICHLOROETHYLENE/METABOLISM	1083
STRAIN DIFFERENCES/OZONE/INFLAMMATION	274
STRESS/METABOLIC INHIBITION/CYTOCHROME P-450	1173
STRESS 70/STRESS PROTEINS/PROTEOTOXICITY	1434
STRESS GENES/MOLECULAR ENDPOINT/GENE INDUCTION	452b
STRESS PROTEINS/LIVER SLICES/IN VITRO	33
STRESS PROTEINS/HEAT SHOCK PROTEINS/HEPATOTOXICITY	452
STRESS PROTEINS/CELL INJURY/OZONE	624
STRESS PROTEINS/HEAT SHOCK PROTEINS/GLUCOSE-REGULATED PROTEINS	1132
STRESS PROTEINS/MOLECULAR BIOMARKERS/ENVIRONMENTAL MONITORING	1133
STRESS PROTEINS/HEAT SHOCK PROTEINS/GENE INDUCTION	1134
STRESS PROTEINS/MITOCHONDRIA/ADDUCTS	1136
STRESS PROTEINS/BIOMONITORING/AQUATIC	1433
STRESS PROTEINS/PROTEOTOXICITY/STRESS 70	1434
STRESS RESPONSE/TISSUE SPECIFICITY/IN VITRO	447
STROMAL CELLS/MITOCHONDRIA/BENZO(A)PYRENE	1551
STRUCTURE ACTIVITY/POLYCYCLIC AROMATIC HYDROCARBONS/IMMUNOSUPPRESSION	755
STRUCTURE ACTIVITY RELATIONSHIPS/POLYCHLORINATED BIPHENYL/RESPONSE SURFACE METHODOLOGY	538
STRUCTURE ACTIVITY RELATIONSHIPS/ALKOXY-SILANES/INHALATION	1215
STRUCTURE-ACTIVITY/MUTAGENICITY/PHENYLENEDIAMINE	847
STRUCTURE-ACTIVITY/MULTICASE/SENSITIZATION	1264
STRUCTURE-ACTIVITY/ ³ H-PHORBOL ESTER BINDING/POLYCHLORINATED BIPHENYLS	1352
STRUCTURE-ACTIVITY RELATIONSHIP/GLUTATHIONE/ALDEHYDES	658
STRUCTURE-ACTIVITY RELATIONSHIP ANAL/AROMATIC AMINES/CARCINOGENIC HAZARD/ RISK ASSESSMENT	453
STRUCTURE-INDUCTION/CYP2B1/2/PCBS	111
STRUCTURE-INDUCTION/CYP2B1/2/PCBS	120
STYRENE/STYRENE OXIDE/TOXICOKINETICS	80
STYRENE/1,3-BUTADIENE/MIXTURES	87
STYRENE/STYRENE OXIDE/BIOAVAILABILITY	390
STYRENE/CELL PROLIFERATION/RESISTANCE	685
STYRENE/STYRENE OXIDE/METABOLISM	1288
STYRENE OXIDE/TOXICOKINETICS/STYRENE	80
STYRENE OXIDE/BIOAVAILABILITY/STYRENE	390
STYRENE OXIDE/LABELING INDEX/FORESTOMACH	428
STYRENE OXIDE/HUMAN LYMPHOCYTES/SISTER CHROMATID EXCHANGES	843
STYRENE OXIDE/METABOLISM/STYRENE	1288
SUBCHRONIC/BENCHMARK DOSE/DOSE-RESPONSE	1588
SUBCHRONIC TOXICITY/FISCHER RATS/1, 3, 5-TRINITROBENZENE	388
SUBCHRONIC TOXICITY/TERATOLOGY/QUATERNARIES	556
SUBCHRONIC TOXICITY/HEPTA-CDD/TCDD	1038
SUBCHRONIC TOXICITY/HEPTA-CDD/TCDD	1039
SUBCHRONIC TOXICITY/PATHOLOGY/HEPTA-CDD/TCDD	1040
SUBCHRONIC TOXICITY/CUMENE/INHALATION	1238
SUBCHRONIC TOXICITY/ORAL/TOXICITY	1595
SUBUNIT ANALYSIS/GLUTATHIONE S-TRANSFERASE/FLUOROMETRIC DETECTION	1327
SUCCINIMIDE/ISOLATED RENAL CELLS/CYTOTOXICITY	176
SUCCINIMIDE/RENAL FUNCTION/NEPHROTOXICITY	177
SUCCINIMIDE/NEPHROTOXICITY/METABOLISM	180
SULFATED POLYSACCHARIDE/OSTEOPOROSIS/BONE METABOLISM	1498
SULFATION/SULFOTRANSFERASE/DRUG METABOLISM	1319
SULFATION/MINOXIDIL/SULFOTRANSFERASE	1320
SULFATION/MOLYBDENUM/GLYCOSAMINOGLYCAN	1329
SULFHYDRYL GROUPS/BIOMONITORING/HEMOGLOBIN	655
SULFIDE/TOXICITY/ANTIDOTES	823

SULFOTRANSFERASE/DRUG METABOLISM/SULFATION	1319
SULFOTRANSFERASE/SULFATION/MINOXIDIL	1320
SULFOTRANSFERASE/DIABETES/DRUG METABOLISM	1324
SULFOTRANSFERASE/STEROID/INDUCTION	1328
SULFUR MUSTARD/DERMATOTOXICITY/IN VITRO	334
SULFUR MUSTARD/SKIN/ERYTHEMA	666
SULFUR MUSTARD/PERCUTANEOUS ABSORPTION/TOXICOKINETICS	669
SULFUR MUSTARD/ALKYLATION/LAMININ	1694
SULFURIC ACID/MORPHOMETRY/OZONE	1230
SULFURYL FLOURIDE/EVOKED POTENTIALS/ACUTE INHALATION	1373
SULFURYL FLUROIDE/ONCOGENICITY/INHALATION	1547
SUPERABSORBENTS/SWELLING PARTICLES/INHALATION	1675
SUPERINDUCTION/GENE EXPRESSION/CYTOKINES	1405
SUPEROXIDE/ESR/4-NITROQUINOLINE-N-OXIDE	633
SUPEROXIDE/DICHLOROBENZENE/KUPFFER CELLS	1467
SUPEROXIDE DISMUTASE/REACTIVE OXYGEN/HYDROQUINONE	598
SUPEROXIDE DISMUTASE/OXIDATIVE STRESS/MANGANESE	634
SUPPRESSOR GENES/URETHANE (ETHYL CARBAMATE)/MICROSATELLITES	522
SURFACE AREA/FIBERS/FRACTAL DIMENSION	140
SURFACE LINING LAYER/OZONE/REACTIVE ABSORPTION	1228
SURFACTANT PROTEIN C/TYPE II PNEUMOCYTE/RADIATION	146
SURFACTANTS/INTERFACIAL TRANSFER/NITROGEN DIOXIDE	150
SURFACTANTS/DERMATOTOXICITY/PRIMARY CULTURES	351
SURFACTANTS/CYTOTOXICITY/SKIN KERATINOCYTES	354
SURFACTANTS/CORNEAL EPITHELIUM/DELAYED TOXICITY	982
SURFACTANTS/LYMPHOCYTE	1401
SURFACTANTS/IN VITRO/AQUATIC	1649
SURVIVAL/CARCINOGENICITY/RODENT	1177
SURVIVAL/SPRAGUE-DAWLEY RAT/BODYWEIGHT	1178
SURVIVAL RATES/COMPARISON STUDY/SPRAGUE-DAWLEY RATS	1176
SUSCEPTIBILITY/PREDISPOSITION/CARCINOGENESIS	1140
SWELLING PARTICLES/INHALATION/SUPERABSORBENTS	1675
SWINE/LEAD/ABSORPTION	395
SWINE/LEAD/ABSORPTION	396
SYNERGISM/LOW-DOSE COMBINATION/MULTI-ORGAN MODEL	168
SYSY CELL LINE/ACETYLCHOLINESTERASE ACTIVITY/PESTICIDE MIXTURES	1353
T AND B LINEAGE CELLS/AUTOIMMUNITY/METHYLMERCURY	1251
T CELL/IMMUNOTOXICOLOGY/MYCOTOXIN	756
T CELL-INDEPENDENT RESPONSE/2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN/IMMUNOSUPPRESSION	18
T-2 TOXIN/BONE MARROW/THYMUS	416
T-2 TOXIN/HOST RESISTANCE/IMMUNOSUPPRESSION	1404
T-BUTYLHYDROPEROXIDE/MITOCHONDRIA/CALCIUM	619
T-LYMPHOCYTE/ETHYLENE OXIDE/TRANSGENIC MICE	1236
T-LYMPHOCYTES/LEAD/FLOW CYTOMETRY	949
T47D CELLS/TCDD/GENETIC INSTABILITY	733
TAMOXIFEN/P-GLYCOPROTEIN/EXCRETION	1596
TAMOXIFEN/CYTOCHROME P-450/HUMAN	1597
TAMOXIFEN/PROLIFERATION/LIVER	1598
TAMOXIFEN/P53 ANTIONCOGENE/HEPATOCARCINOMA	1600
TAMOXIFEN/DRUGS/GENOTOXICITY	1601
TAMOXIFEN/32P-POSTLABELLING/HUMAN LIVER	1602
TAMOXIFEN/CHROMOSOME DAMAGE/ANEUPLOIDY	1603
TARGETS/NEPHROTOXICITY/DEHYDROGENASES	1695
TAURINE/METHYLENE DIANILINE/HEPATOTOXICITY	1443
TAUROCHOLATE UPTAKE/CYTOCHROME P-450/LIVER SLICES	30

TAXOL/CELL PROLIFERATION/ROTENONE	39
TAXOL/NEUROPATHY/AXONAL TRANSPORT	759
TCDD/GAP JUNCTIONS/LEAD (PB)	137
TCDD/AH RECEPTOR/ARNT	234
TCDD/GENDER	410
TCDD/HAHS/RISK ASSESSMENT	411
TCDD/VITELLOGENIN/ANTIESTROGEN	450
TCDD/CALCIUM/NEURONS	508
TCDD/EGF RECEPTOR/DOWN REGULATION	726
TCDD/OVARY/ESTROGEN RECEPTOR	730
TCDD/SEXUAL DIFFERENTIATION/BRAIN NUCLEI	731
TCDD/GENETIC INSTABILITY/T47D CELLS	733
TCDD/MCF-7 CELLS/MUTANTS	734
TCDD/HEPATOCYTES/CELL PROLIFERATION	959
TCDD/AH RECEPTOR/GENE EXPRESSION	1024
TCDD/AH RECEPTOR/IMMUNOASSAY	1025
TCDD/AH RECEPTOR/DNA BINDING	1026
TCDD/EMBRYONIC/AH RECEPTOR	1028
TCDD/CHROMOSOME 7/AH RECEPTOR	1031
TCDD/EXPRESSION/AH RECEPTOR	1032
TCDD/BENZO[A]PYRENE/AH RECEPTOR	1034
TCDD/ADIPOSE TISSUE/GLUCOSE TRANSPORT	1035
TCDD/SUBCHRONIC TOXICITY/HEPTA-CDD	1038
TCDD/SUBCHRONIC TOXICITY/HEPTA-CDD	1039
TCDD/FEMALE RATS/BIOCHEMICAL EFFECTS	1041
TCDD/FEMALE/TOXICOKINETICS	1042
TCDD/TOXICOKINETICS/LONG-EVANS RAT	1043
TCDD/HUMAN BLOOD/DISTRIBUTION	1044
TCDD/PHARMACOKINETICS/AGING	1046
TCDD/CYTOCHROME P-450/METABOLISM	1047
TCDD/IN VITRO/CONTINUOUS DOSING	1048
TCDD/PCBS/TOXIC EQUIVALENCY	1065
TCDD/PROLACTIN/APOPTOSIS	1159
TCDD/EXTRATHYMIC T-CELLS/AUTOIMMUNITY	1253
TCDD/THYMUS/MECHANISM	1394
TCDD/THYMIC ATROPHY/BCL-2 TRANSGENIC MICE	1395
TCDD/SPERMATOGENESIS/IN UTERO AND LACTATIONAL	1499
TCDD/MALE REPRODUCTIVE SYSTEM/ANDROGEN PRODUCTION	1501
TCDD/SEX DIFFERENTIATION/REPRODUCTIVE ALTERATIONS	1502
TCDD/CYTOCHROME P-450/SEX DIFFERENCE	1504
TCDD/GLUCONEOGENESIS/APPETITE SUPPRESSION	1505
TCDD/P53/MDM2 GENE	1506
TCDD/ANTIESTROGENICITY/CHLORINATED AZO(XY)BENZENES	1507
TCDD/OSTEOBLAST/DIFFERENTIATION	1508
TCDD/KERATINOCYTES/IL-1BETA	1509
TCDD/PEROXISOME PROLIFERATION/CYTOCHROME P-450	1510
TCDD/PKC/CELL CYCLE	1511
TCDD/CHLORPROMAZINE/TOXICITY	1512
TCDD/IN VITRO/POLYCYCLIC AROMATIC HYDROCARBONS	1514
TCDD/NATURAL KILLER ACTIVITY/INFLUENZA VIRUS	1515
TCDD/RISK ASSESSMENT/DOSE-RESPONSE	1516
TCDD/RISK ASSESSMENT/DOSE-RESPONSE	1517
TCDD/ONCOGENES/CARCINOGENESIS	1518
TCDD/AH RECEPTOR/PROTEOLYSIS	1518a
TCDD/REPRESSION/OVARIAN CELLS	1615

TCDD/CYTOCHROME P-450/AH RECEPTOR	1616
TCDD/CYTOCHROME P-450/CDNA	1618
TCDD/CYTOCHROME P-450	1619
TCDD/CLONING/AH RECEPTOR	1620
TCDD/RECEPTORS/CELL PROLIFERATION	1625
TCDD/THYMUS/PROTEASES	1626
TCDD/PROTEASES/KERATINOCYTES	1627
TCDD DOSIMETRY/EGF RECEPTOR/MECHANISTIC MODELING	725
TCDD OR DIOXIN/MOLECULAR/ESTROGEN RECEPTORS	729
TEMPERATURE/REPRODUCTIVE PERFORMANCE/INTRAVENOUS INFUSION	221
TEMPERATURE/MITROGENESIS/CARCINOGENESIS	433
TEMPORAL RESPONSE DIFFERENTIATION/METHAMPHETAMINE/PHENCYCLIDINE	305
TERATOGENESIS/P53/BENZO(A)PYRENE	940
TERATOGENESIS/CYCLOPHOSPHAMIDE/APOPTOSIS	1422
TERATOGENESIS/AVIAN/DYSMORPHOGENESIS	1503
TERATOGENICITY/4-VINYLCYCLOHEXENE/OVARIAN TOXICITY	586
TERATOLOGY/QUATERNARIES/SUBCHRONIC TOXICITY	556
TERATOLOGY/GLYCOL/TRIETHYLENE GLYCOL	571
TERATOLOGY/DEVELOPMENTAL TOXICITY/LITHIUM	577
TERATOLOGY/PROPELLANT/XM46	585
TERATOLOGY/INFUSION/RATS	861
TERATOLOGY/REPRODUCTIVE TOXICITY/REPELLENT	925
TERT-BUTYL-HYDROXYANISOLE/GLUTATHIONE/NEPHROTOXICITY	651
TEST GUIDELINES/NEUROTOXICITY/EVOKED POTENTIALS	1374
TESTES/SEMEN/HISTOPATHOLOGY	206
TESTES/EPIDIDYMIS/ESTROGEN	209
TESTES/HEME OXYGENASE/HEAT SHOCK	261
TESTES/IN VITRO/2-METHOXYETHANOL	264
TESTES/HISTOPATHOLOGY/SEMEN	266
TESTES/SPERMATOGENESIS/FUNGICIDE	267
TESTES/LDH/VCN	268
TESTES/PITUITARY HORMONES/TESTICULAR TUMORS	460
TESTES/APOPTOSIS/2-METHOXYETHANOL	1157
TESTICULAR METABOLISM/CYTOCHROME P-450 1A/GLUTATHIONE TRANSFERASES	262
TESTICULAR TOXICITY/1,3-DINITROBENZENE METABOLISM/ROUTE OF ADMINISTRATION	265
TESTICULAR TUMORS/TESTES/PITUITARY HORMONES	460
TESTIS/RECOVERY/BORIC ACID	270
TESTIS/SERTOLI CELL/HSP27/STRESS PROTEIN/CADMIUM	269
TETRACHLOROAZOBENZENE/TETRACHLOROAZOXYBENZENE/EXCRETION	1724
TETRACHLOROAZOXYBENZENE/EXCRETION/TETRACHLOROAZOBENZENE	1724
TETRACHLOROETHYLENE/PBPK/BREAST MILK	86
TETRACHLOROETHYLENE/EXPOSURE-RESPONSE/TOLUENE	1584
TETRACHLOROETHYLENE/MODELING ERROR/EXPOSURE-RESPONSE	1585
TETRACHLORVINPHOS/OCULAR/EYE	978
TETRYL/DRUG METABOLIZING ENZYMES/MUNITION CHEMICAL	706
TGF- α /UTERUS/NEOPLASIA	466
TGF-ALPHA/HEPATIC TUMOR PROMOTION/TRANSGENIC MICE	962
THALLIUM/MONOAMINES/TURNOVER RATE	1022
THAPSIGARGIN/CALCIUM/APOPTOSIS	1425
THERMAL EMISSIONS/SENSORY IRRITATION/RESINS	972
THERMAL EMISSIONS/SENSORY IRRITATION/INHALATION	1205
THERMAL EMISSIONS/SENSORY IRRITATION/INHALATION	1206
THERMOREGULATION/ORGANOPHOSPHATES/CHLORPYRIFOS	1354
THIN LAYER CHROMATOGRAPHY/HIGH PRESSURE LIQUID CHROMATOGRAPHY/COCAINE	1565
THIN-LAYER CHROMATOGRAPHY/ARSENIC/GLUTATHIONE	1017

THIOACETAMIDE/AUTOPROTECTION/TISSUE REPAIR	41
THIOCYANATE/3-MERCAPTOPRYUVATE/CYANIDE	822
THIOL HOMEOSTASIS/CADMIUM/CYTOSKELETON	880
THIOLS/PROTEIN OXIDATION/PHENOXYL RADICAL	364
THIOLS/OXIDATIVE STRESS/MOUSE HEPATOCYTES	606
THIRAM/PREGNANCY/DELAYED OVULATION	216
THROMBOCYTOPENIA/ADITOPRIM/ANEMIA	1550
THYMIC ATROPHY/BCL-2 TRANSGENIC MICE/TCDD	1395
THYMOCYTE SUBPOPULATIONS/COCAINE/FLOW CYTOMETRY	1254c
THYMOCYTES/DNA FRAGMENTS/APOPTOSIS	1161
THYMOCYTES/FLOW CYTOMETRY/2-METHOXYETHANOL	1252
THYMOCYTES/APOPTOSIS/PROTEIN SYNTHESIS	1426a
THYMOCYTES/IN UTERO EXPOSURE/2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1500
THYMUS/T-2 TOXIN/BONE MARROW	416
THYMUS/IMMUNOTOXICITY/SCID MOUSE	480
THYMUS/APOPTOSIS/2-METHOXYETHANOL	1156
THYMUS/IMMUNOTERATOLOGY/FETAL ALCOHOL SYNDROME	1245
THYMUS/MECHANISM/TCDD	1394
THYMUS/PROTEASES/TCDD	1626
THYROID/PROLIFERATION/PROMOTION	426
THYROID/HORMONALLY-MEDIATED/CARCINOGENESIS	461
THYROID/N-BUTYL-1-DEOXYNOJIRMYCIN/AIDS	530
THYROID HORMONES/GOLTROGEN/FLAVONOIDS	1294
THYROTOXIC/POLYCHLORINATED BIPHENYLS/ESTROGENIC	1058
THYROXINE/GLUCURONIDATION/UDP-GLUCURONOSYL TRANSFERASE	1321
THYROXINE/FOE 5043/LIVER	1535
TIO ₂ /ORGAN CULTURE/LUNG	153
TISSUE/RESOURCE/HUMAN	1138
TISSUE CREATINE/6-GUANIDINOPROPIONIC ACID/METHODS	1570
TISSUE REPAIR/DIBENAMINE/CARBON TETRACHLORIDE	40
TISSUE REPAIR/THIOACETAMIDE/AUTOPROTECTION	41
TISSUE REPAIR/APOPTOSIS/EARLY GENE EXPRESSION	1180
TISSUE REPAIR/DOSE-RESPONSE/RISK ASSESSMENT	1432
TISSUE REPAIR/POSTNATAL DEVELOPMENT/CARBON TETRACHLORIDE	1461
TISSUE SLICES/TRICHLOROETHYLENE/CYTOTOXICITY	35
TISSUE SPECIFICITY/GENE EXPRESSION/DIFFERENTIATION	439
TISSUE SPECIFICITY/IN VITRO/STRESS RESPONSE	447
TITANIUM OXIDE PARTICLES/TUMOR NECROSIS FACTOR/MACROPHAGES	900
TNF/ENDOTOXIN/INTERFERON-GAMMA	944
TNF/OZONE/PERMEABILITY	1232
TNF (TUMOR NECROSIS FACTOR)/TOXIC ALVEOLITIS/DUST	273
TNF- α /HEPATOCYTES/PERICENTRAL TOXICITY	1444
TOBACCO SMOKE/LUNG CANCER/ARTERIOSCLEROTIC	718
TOBACCO SMOKE/GLUTATHIONE S-TRANSFERASES SUBUNITS/FERRETS	1326
TOBACCO SMOKE/ENZYME-LINKED IMMUNOSORBENT ASSAY/COTININE	1562
TOCOLYTIC AGENT/GENERAL TOXICOLOGY/RWJ-22164	832
TOLERANCE/ACETYLCHOLINESTERASE/PARAOXON	913
TOLERANCE/ACETYLCHOLINESTERASE/PARAOXON	914
TOLUENE/TRICHLOROETHYLENE/NEUROTOXICITY	1335
TOLUENE/TETRACHLOROETHYLENE/EXPOSURE-RESPONSE	1584
TOLUENE DIISOCYANATE/SENSITIZATION/ADDUCTS	1409
TOLUENE DIISOCYANATE/SENSITIZATION/MURINE MODEL	1607
TOLUENE DIISOCYANATE (TDI)/ISOLATED, PERFUSED LUNG/REACTIVITY	1239
TOPICAL SKIN PROTECTANT/ACETYLCHOLINESTERASE/SKIN PENETRATION	341
TOPOISOMERASES/GENE REGULATION/CELL PROLIFERATION	446

TOTAL PARENTERAL NUTRITION/NEPHROTOXICITY/CYCLOSPORIN	1181
TOULENE DIISOCYNATE (TDI)/BIOMARKERS/GC-MS ANALYSIS	1412
TOXIC ALVEOLITIS/DUST/TNF (TUMOR NECROSIS FACTOR)	273
TOXIC CYSTEINE CONJUGATES/RENAL INJURY CATTLE/APLASTIC ANAEMIA	194
TOXIC EQUIVALENCY/TCDD/PCBS	1065
TOXIC EQUIVALENCY FACTORS/RISK ASSESSMENT/PESTICIDES	1540
TOXICITY/RICIN/INHALATION/AEROSOL	145
TOXICITY/CELL PROLIFERATION/IN VITRO TESTING	316
TOXICITY/IN VITRO/DERMAL	350
TOXICITY/VCN/IMMUNE FUNCTION	413
TOXICITY/PLACENTA/ANTI-HIV	526
TOXICITY/PICLORAM/DEVELOPMENTAL TOXICITY	579
TOXICITY/2, 4-D/DEVELOPMENTAL TOXICITY	580
TOXICITY/KIDNEY/FUMONISIN	774
TOXICITY/URETHANE/ALCOHOL	789
TOXICITY/BRB-1-28/GLG-V-13	806
TOXICITY/DOXORUBICIN/LIPOSOME	812
TOXICITY/CYTOKINE/INTERLEUKIN-12	820
TOXICITY/ANTIDOTES/SULFIDE	823
TOXICITY/CADMIUM/ETHANOL	882
TOXICITY/IN VITRO BACTERIAL ASSAY/NICKEL	901
TOXICITY/CHROMIUM/ANTIOXIDANT SYSTEM	1005
TOXICITY/TCDD/CHLORPROMAZINE	1512
TOXICITY/SUBCHRONIC TOXICITY/ORAL	1595
TOXICITY/COMBUSTION/CHLORINATED HYDROCARBONS	1648
TOXICITY/BOTULINUM/INHALATION/AEROSOL	1670
TOXICITY/SEB/INHALATION/AEROSOL	1671
TOXICITY ASSESSMENTS/HAZARD EVALUATION/MECHANISMS	1633
TOXICITY PARAMETERS/DERMAL/JACKETS	674
TOXICITY STUDIES/RISK ASSESSMENT/CALORIC RESTRICTION	934
TOXICITY TESTING/EMBRYO LARVAL/FUNGAL CONTAMINATION	1628
TOXICODYNAMICS/REDOX CYCLING/DICHLOROFLUOROSCEIN	625
TOXICOKINETIC MODELS/RISK ASSESSMENT/LEAD	56
TOXICOKINETICS/RISK ASSESSMENT/CADMIUM	62
TOXICOKINETICS/MIXTURES/SOLVENTS	69
TOXICOKINETICS/MIXTURES/HALOGENATED HYDROCARBONS	70
TOXICOKINETICS/MIXTURES/GASES/VAPORS	71
TOXICOKINETICS/MIXTURES/SOLVENTS	72
TOXICOKINETICS/MIXTURES/ENVIRONMENTAL	73
TOXICOKINETICS/PBPK MODEL/PYRENE	75
TOXICOKINETICS/STYRENE/STYRENE OXIDE	80
TOXICOKINETICS/TRICHLOROETHYLENE/ENTEROHEPATIC RECIRCULATION	83
TOXICOKINETICS/PB-TK MODELING/3-D VISUALIZATION	84
TOXICOKINETICS/BONE LEAD/BLOOD-LEAD	259
TOXICOKINETICS/BIOTRANSFORMATION/ANQ-3598	375
TOXICOKINETICS/BIOTRANSFORMATION/SOLVENTS	380
TOXICOKINETICS/CHEMICAL MIXTURES/CELL PROLIFERATION	381
TOXICOKINETICS/CHROMIUM/BIOAVAILABILITY	383
TOXICOKINETICS/ETHYLENE OXIDE/IN VIVO/IN VITRO	384
TOXICOKINETICS/CHICKENS/ACRYLAMIDE	385
TOXICOKINETICS/NEUROTOXICITY/DOMOIC ACID	386
TOXICOKINETICS/CARDIOVASCULAR/DRUG	389
TOXICOKINETICS/ETHANOL/XLENE	394
TOXICOKINETICS/BIOTRANFORMATION, PHASE I/MIXTURES	397
TOXICOKINETICS/SULFUR MUSTARD/PERCUTANEOUS ABSORPTION	669

TOXICOKINETICS/CHLOROPENTAFLUOROBENZENE/DERMAL ABSORPTION	675
TOXICOKINETICS/PROSTAGLANDIN SYNTHESIS INHIBITOR/CYTOCHROME P-450 INDUCTION	705
TOXICOKINETICS/HYDROGEN SULFIDE/AIR STANDARDS	794
TOXICOKINETICS/NICKEL COMPOUNDS/LUNG CLEARANCE	903
TOXICOKINETICS/TCDD/FEMALE	1042
TOXICOKINETICS/LONG-EVANS RAT/TCDD	1043
TOXICOKINETICS/MODEL SIMULATION/PCDD/PCDF	1045
TOXICOKINETICS/CHLOROFORM/DOSIMETRY	1054
TOXICOKINETICS/LIVER EXPLANTS/TRICHLOROETHYLENE	1086
TOXICOKINETICS/1,1,1-TRICHLOROETHANE/NEUROBEHAVIORAL	1370
TOXICOKINETICS/DISPOSITION/ACRYLIC ACID	1704
TOXICOKINETICS/DISPOSITION/ACRYLIC ACID	1705
TOXICOLOGICAL SCREEN/CELL CYCLE/FERTILITY ASSAY	208
TOXICOLOGY/FEMALE/REPRODUCTIVE	224
TOXICOLOGY/ARSENIC/COMPARATIVE	800
TOXICOLOGY/ONCOGENES/TRANSGENE	938
TOXICOLOGY/CARCINOGENESIS/HUMAN	1137
TRACHEA/POLYSORBATES/CILIA	1674
TRAINING/ENVIRONMENTAL/PUBLIC HEALTH ASSESSMENT	288
TRANSAMINASE/ESTROGEN/LIVER FUNCTION	693
TRANSCRIPTION/ANTIESTROGEN/ER/SP1 INTERACTION	47
TRANSCRIPTION/IN VITRO ASSAY/LIVER	314
TRANSCRIPTION FACTOR/METABOLISM/OXIDATIVE DAMAGE	442
TRANSCRIPTION FACTOR KB/CELL DENSITY/HUMAN LYMPHOBLASTOID CELLS	449
TRANSCRIPTION FACTOR-BINDING SITES/[AH] GENE BATTERY/ALDEHYDE DEHYDROGENASE	1621
TRANSCRIPTION FACTOR-BINDING SITES/[AH] GENE BATTERY/UDP GLUCURONOSYLTRANSFERASE GENE	1622
TRANSCRIPTION FACTOR-BINDING SITES/[AH] GENE BATTERY/ALDEHYDE DEHYDROGENASE GENE	1623
TRANSCRIPTION FACTORS/OXYR/OXIDATIVE STRESS	445
TRANSFORMATION/RISK ASSESSMENT/METALS	63
TRANSFORMATION/NICKEL/RETINOBLASTOMA GENE	523
TRANSFORMING GROWTH FACTOR- α /MACROPHAGES/12-O-TETRADECANOYLPHORBOL-13-ACETATE	467
TRANSGENE/INTESTINE/PROTOCOLS	10
TRANSGENE/TOXICOLOGY/ONCOGENES	938
TRANSGENIC/INDUCTION/METALLOTHIONEIN	890
TRANSGENIC/MUTATION/1,3-BUTADIENE	942
TRANSGENIC/CHEMOKINE/INFLAMMATION	945
TRANSGENIC ANIMALS/VALIDATION/MUTAGENICITY	939
TRANSGENIC MICE/MUTAGENICITY/BENZO(A)PYRENE	941
TRANSGENIC MICE/TGF-ALPHA/HEPATIC TUMOR PROMOTION	962
TRANSGENIC MICE/T-LYMPHOCYTE/ETHYLENE OXIDE	1236
TRANSLATION/ENZYME INDUCTION/CYTOCHROME P-450	106
TRANSPLACENTAL/5, 8, 11, 14-EICOSATETRAYNOIC ACID/PEROXIDASES	588
TRANSPLANTATION/GLYCINE/CAROLINA RINSE	620
TRANSPLANTATION/IMMUNOSUPPRESSION/CORTICOSTEROIDS	1249
TRANSPORT/M-741/HEPATIC SLICE	34
TRANSPORT/ORGANIC CATIONS/PROXIMAL TUBULE	161
TRANSPORT/TUBULES/BENZYL QUINOLINIUM	188
TRANSPORT/MANGANESE/BLOOD-BRAIN BARRIER	1108
TRANSPORTERS/DICHLOROETHYLENE/BILE	680
TRIAZOLOPYRIMIDINE SULFONAMIDE/METABOLISM/COMPARATIVE	393
TRICHLOROACETATE/BROMODICHLOROACETATE/OXALATE	1464
TRICHLOROACETATE (TCA)/DICHLOROACETATE (DCA)/PHARMACOKINETICS	382
TRICHLOROETHYLENE/CYTOTOXICITY/TISSUE SLICES	35
TRICHLOROETHYLENE/PBPK MODELING/CYTOCHROME P-450	67
TRICHLOROETHYLENE/CARBON TETRACHLORIDE/PHARMACOKINETIC MODELING	78

TRICHLOROETHYLENE/ENTEROHEPATIC RECIRCULATION/TOXICOKINETICS	83
TRICHLOROETHYLENE/INFECTION/CHLOROFORM	418
TRICHLOROETHYLENE/DERMAL BIOAVAILABILITY/SOIL	673
TRICHLOROETHYLENE/METABOLISM/KINETICS	1082
TRICHLOROETHYLENE/METABOLISM/STRAIN COMPARISONS	1083
TRICHLOROETHYLENE/METABOLISM/PHARMACOKINETIC MODELING	1084
TRICHLOROETHYLENE/SPECIES COMPARISON/DICHLOROVINYLCYSTEINE	1085
TRICHLOROETHYLENE/TOXICOKINETICS/LIVER EXPLANTS	1086
TRICHLOROETHYLENE/NEUROTOXICITY/TOLUENE	1335
TRICHLOROETHYLENE/TRIGEMINAL NERVE/EVOKED POTENTIALS	1364
TRICHLOROETHYLENE/MIXTURES/CHLOROFORM	1471
TRICHLOROETHYLENE/DICHLOROACETATE/METABOLISM	1081
TRICHOCECINES/INTERLEUKINS/GENE EXPRESSION	754
TRIETHYLENE GLYCOL/TERATOLOGY/GLYCOL	571
TRIETHYLENE GLYCOL/AEROSOL/SENSORY IRRITATION	1207
TRIGEMINAL NERVE/EVOKED POTENTIALS/TRICHLOROETHYLENE	1364
TRICHLOROETHYLENE/DNA REPAIR/GENOTOXICITY	1279
TRIODOTHYRONINE/BILIARY EPITHELIUM/CELL PROLIFERATION	1092
TRIMELLITIC ANHYDRIDE/LUNG/COMPLEMENT	1611
TRIMETHYL TIN/LEARNING/NEUROTOXICITY	303
TRIMETHYL TIN/CD-2/NCAM	504
TRIMETHYL TIN/CYTOKINES/GLIAL FIBRILLARY ACIDIC PROTEIN	505
TRIMETHYL TIN/NITRIC OXIDE/NITRIC OXIDE SYNTHASE	739
TRINITROBENZENE/REPRODUCTION/NEUROTOXICITY	574
TRINITROBENZENE/DRUG METABOLIZING ENZYMES/MUNITION CHEMICALS	709
TRINITROTOLUENE (TNT)/BIOAVAILABLE/COMPOST	1636
TRIPHENYL PHOSPHITE/VISUAL SYSTEM/DEGENERATION	1339
TRIPHENYLETHYLENE DRUGS/HEPATOCARCINOGENICITY/DNA ADDUCT FORMATION	1599
TROUT/DEHYDROEPIANDROSTERONE/PEROXISOME PROLIFERATION	1171
TROUT/PERSISTENCE (T 1/2)/ACRYLONITRILE	1713
TUBULES/BENZYL QUINOLINIUM/TRANSPORT	188
TUBULIN/DIETHYLSTILBESTROL/ESTRADIOL	458
TUMOR/ALBUMIN/ESTROGEN	454
TUMOR DEVELOPMENT/ISOPRENE/CARCINOGENESIS	469
TUMOR NECROSIS FACTOR/ENDOTOXIN/KUPFFER CELLS	247
TUMOR NECROSIS FACTOR/PROPIDIUM IODIDE/CYTOTOXICITY ASSAY	406
TUMOR NECROSIS FACTOR/RICIN/OXIDATIVE STRESS	781
TUMOR NECROSIS FACTOR/MACROPHAGES/TITANIUM OXIDE PARTICLES	900
TUMOR NECROSIS FACTOR/PCB/KUPFFER CELL	1064
TUMOR NECROSIS FACTOR/LANGERHANS CELLS/SKIN SENSITIZATION	1605
TUMOR NECROSIS FACTOR-ALPHA/PHOSGENE/ALVEOLAR MACROPHAGES	752
TUMOR PROMOTERS/PHOSPHORYLATION/GAP JUNCTIONS	135
TUMOR PROMOTERS/MULTISTAGE CARCINOGENESIS/HALOGENATED PESTICIDE	463
TUMOR PROMOTION/9-ANTHROXES/PROTEIN KINASE C	676
TUMORIGENIC/MANUFACTURED GAS PLANT RESIDUE/STRAIN A MICE	470
TUMOUR-SUPPRESSOR/CARCINOGENESIS/P53	521
TURNOVER RATE/THALLIUM/MONOAMINES	1022
TYPE II CELLS/PULMONARY INJURY/ALKALINE PHOSPHATASE	148
TYPE II CELLS/SILICON DIOXIDE/NITRIC OXIDE	745
TYPE II PNEUMOCYTE/RADIATION/SURFACTANT PROTEIN C	146
TYROSINAEMIA/4-HYDROXYPHENYLPYRUVATE DIOXYGENASE/INBORN ERROR OF METABOLISM	826
TYROSINE/FREE RADICALS/CARBON TETRACHLORIDE	368
TYROSINE HYDROLASE/LASER-SCANNING CONFOCAL MICROSCOPY/POLYCHLORINATED BIPHENYLS	1372
U-SHAPED/DOSE-RESPONSE/RISK ASSESSMENT	1427
UBIQUITIN/BROMOPHENYLACTYLUREA/NEUROPATHY	1357

UDP GLUCURONOSYLTRANSFERASE GENE/TRANSCRIPTION FACTOR-BINDING SITES/[AH] GENE BATTERY	1622
UDP-GLUCURONOSYL TRANSFERASE/THYROXINE/GLUCURONIDATION	1321
UDP-GLUCURONOSYL TRANSFERASE/GENE REGULATION/GLUCURONIDATION	1323
UDP-GLUCURONOSYLTRANSFERASE/ETHANOL/CLONING	1322
ULTRASTRUCTURE/MONKEY OVARY/HEXACHLOROBENZENE	211
ULTRASTRUCTURE/MICROANALYSIS/GADOLINIUM	243
ULTRAVIOLET LIGHT/BENZO(A)PYRENE/IMMUNOTOXICOLOGY	14
ULTRAVIOLET RADIATION/IMMUNOLOGY/SKIN	478
UNCERTAINTY/SAFETY	1587
UNCERTAINTY ANALYSIS/MONTE CARLO SIMULATION/CHEMICAL/RADIATION DOSE	1149
UNCERTAINTY FACTORS/REFERENCE DOSE/CHLORINATED COMPOUNDS	1591
UNDERGRADUATE RESEARCH/OUTREACH/PRECOLLEGE EDUCATION	285
UNSCHEDULED DNA SYNTHESIS/LIVER SLICES/2-ACETYLAMINOFLUORENE	29
UPPER RESPIRATORY TRACT/FISCHER 344 RAT/PARTICLE	143
UPPER RESPIRATORY TRACT/RISK ASSESSMENT/NASAL TOXICITY	155
UPPER RESPIRATORY TRACT/DIMETHYL SULFATE/DNA ADDUCTS	1216
URETHANE/DEVELOPMENTAL TOXICITY/METALLOTHIONEIN	568
URETHANE/YOLK SAC/METALLOTHIONEIN MRNA	569
URETHANE/ALCOHOL/TOXICITY	789
URETHANE (ETHYL CARBAMATE)/MICROSATELLITES/SUPPRESSOR GENES	522
URINARY BLADDER/ALPHA-2-MICROGLOBULIN/KIDNEY	171
URINARY MARKERS/LDH ISOENZYMES/NEPHROTOXICITY	173
URINARY METABOLITES/METABOLISM/4-METHYLHEPTANE	1291
URINARY METABOLITES/BENZO(A)PYRENE/ADDUCTS	1416
URINARY PORPHYRINS/MERCURY/DMPS	998
URINE/SODIUM SAACHARIN/MALE/FEMALE	438
UROPORPHYRIN/5-AMINOLEVULINATE/ASCORBIC ACID	1103
UTERINE CONTRACTION/CYCLIC AMP/LINDANE	225
UTERINE CONTRACTION/PARTURITION/DCB	226
UTERUS/NEOPLASIA/TGF- α	466
UTP POOLS/MICROTUBULES/GLUTATHIONE	879
UV/CYTOKINES/KERATINOCYTES	339
UVB/SKIN/NITRIC OXIDE	742
V79 CELLS/MUCONALDEHYDE METABOLITES/MUTAGENICITY	852
VACCINATION/LUNG/RICIN	779
VACCINE/DEVELOPMENTAL TOXICITY/MNRGP120	527
VACCINE/IMMUNIZATION/RICIN	780
VALIDATION/MUTAGENICITY/TRANSGENIC ANIMALS	939
VALIDATION/CLOTH PATCH TECHNIQUES/PESTICIDES	1660
VALIDATION STUDY/MUTAGENTICITY/GENOTOXICITY	851
VALPROIC ACID/OVULATION/CATECHOLAMINES	215
VANCOMYCIN/NEPHROTOXICITY/KALLIKREIN	174
VAPOR INHALATION/HYDROGEN CHLORIDE/CHLOROSILANES	1198
VAPOR INHALATION/HYDROGEN CHLORIDE/CHLOROSILANES	1199
VAPOR UPTAKE/ACETALDEHYDE/NASAL CAVITY	1194
VASCULAR/NITRIC OXIDE (NO)/CYANIDE	743
VCN/TESTES/LDH	268
VCN/IMMUNE FUNCTION/TOXICITY	413
VEHICLE/CARBON TETRACHLORIDE/CHLOROFORM	1050
VEHICLE EFFECTS/LINDANE/DERMAL DISTRIBUTION	338
VEHICLES/METHODS/LOCOMOTOR ACTIVITY	298
VENOM/WASP/PROTEIN STRUCTURE	785
VERAPAMIL/XYLAZINE/KETAMINE/PROPOFOL	805
VIABILITY/CARDIAC MYOCYTES/ISCHEMIA/REPERFUSION	308
VINCA ALKALOIDS/RENAL TRANSPORT/ANTINEOPLASTIC DRUGS	186

22	VINYL ACETATE/NASAL METABOLISM/MODELING	1209
21	VINYL FLUORIDE/ETHENOGUANINE/DNA ADDUCTS	1080
23	VISION/METHYLMERCURY/MONKEYS	989
22	VISUAL SYSTEM/DEGENERATION/TRIPHENYL PHOSPHITE	1339
11	VITAL FLUORESCENCE/MITOCHONDRIAL MEMBRANE POTENTIAL/GAP JUNCTIONS	139
43	VITAMIN A/CIPROFIBRATE/PEROXISOME PROLIFERATION	1101
14	VITAMIN A DIET/LOCAL LYMPH NODE ASSAY/CONTACT HYPERSENSITIVITY	1261
78	VITAMIN AND SELENIUM/OZONE TOXICITY/ANTIOXIDANT PROTECTION	632
37	VITAMIN B15/IN VIVO/IN VITRO/MUTAGENICITY	846
19	VITAMIN D RECEPTOR/OSTEOCALCIN/LEAD	1183
31	VITAMIN E/HEART/PHENOXYL RADICAL	612
35	VITAMIN E/OXIDATIVE INJURY/MITOCHONDRIA	622
29	VITAMIN E SUCCINATE/NITRIC OXIDE/SMOKELESS TOBACCO EXTRACT	741
43	VITELLOGENIN/ANTIESTROGEN/TCDD	450
55	VOC/METABOLISM/CYTOCHROME P-450	103
16	VOLATILE/HCB/DERMAL ABSORPTION	1528
58	VOLATILE ORGANIC CHEMICALS/PERMEABILITY CONSTANTS/PBPK MODELING	670
59	VOLATILE ORGANIC COMPOUNDS/INHALATION/RISK ASSESSMENT	547
39	VOMITOXIN/SEX HORMONES/IGA NEPHROPATHY	1247
22	WARFARIN METOBOLISM/CRYOPRESERVATION, SLICES/HUMAN LIVER	37
71	WASP/PROTEIN STRUCTURE/VENOM	785
73	WATER PERMEATION BARRIER/BIS-(2-CHLOROETHYL) SULFIDE/PSEUDO-EPIDERMIS	343
31	WHITE OIL/MICROGRANULOMATA/HISTIOCYTOSIS	688
16	WILDLIFE/BIOMARKERS/CYTOCHROME P-450	1638
38	WILSON'S DISEASE/COPPER/METALLOTHIONEIN	885
38	WR-2721/PLATINUM/BIOTRANSFORMATION	1707
33	WY 14,643/CARCINOGENESIS/PEROXISOME PROLIFERATORS	1172
25	X-RAY CONTRAST/IODINATED/NANOPARTICLE	833
26	XENOIOTICS/RAT HEPATOCYTES/CYTOCHROME P-450 INDUCTION	708
66	XLENE/TOXICOKINETICS/ETHANOL	394
79	XM46/TERATOLOGY/PROPELLANT	585
39	XYLAZINE/CANINE/QEEG	1376
42	XYLAZINE/KETAMINE/PROPOFOL/VERAPAMIL	805
52	Y-GLUTAMYLTRANSPEPTIDASE/NRK-49F CELL/ACIVICIN	640
1	YEAST/CADMIUM/PEROXISOME	873
	YEAST/DNA REPAIR/CHROMIUM	1006
	YOLK SAC/METALLOTHIONEIN MRNA/URETHANE	569
	ZALCITABINE/HYDROCEPHALUS/BEHAVIOR	528
	ZEBRA FISH/AFLATOXIN B1/METABOLISM	686
	ZIDOVUDINE/AZT/PYRIMETHAMINE	529
15	ZINC/LEAD/NMDA RECEPTOR	251
74	ZINC/LIVER/METALLOTHIONEIN	886
98	ZINC/NERVE TERMINAL/METHYLMERCURY	1115
99	ZINC/DOPAMINE/DOPAMINE UPTAKE CARRIER	1130
94	[AH] GENE BATTERY/ALDEHYDE DEHYDROGENASE/TRANSCRIPTION FACTOR-BINDING SITES	1621
43	[AH] GENE BATTERY/UDP GLUCURONOSYLTRANSFERASE GENE/TRANSCRIPTION FACTOR-BINDING SITES	1622
68	[AH] GENE BATTERY/ALDEHYDE DEHYDROGENASE GENE/TRANSCRIPTION FACTOR-BINDING SITES	1623
13		
50		
38		
98		
85		
05		
08		
86		

NOTES

511904 0281

Society of Toxicology
1767 Business Center Drive, Suite 302
Reston, VA 22090-5332
Phone: (703) 438-3115
Fax: (703) 438-3113

511904 0282