

INDUSTRIAL HYGIENE FEATURES

See Abst. No. 18 for the future of industrial medicine in Great Britain.

The retardation of avian atherosclerosis by pectin is discussed in Abst. No. 29.

Abst. No. 30 reports on a method for the detection of the hidden diabetic in industry.

Abst. No. 32 is concerned with the length of cigarette ends and inhaling.

The laser treatment of experimental malignant tumors is studied in Abst. No. 37.

For a review on the epidemiology of skin disease in an automobile factory see Abst. No. 39.

Information on the effects of inorganic fluorides on animals is given in Abst. No. 45.

For data on the volatilization of mercury by bacteria see Abst. No. 46.

Mercury poisoning from an unsuspected source is described in Abst. No. 47.

Lead poisoning in rabbit and man is discussed in Abst. No. 51.

The mortality rate among coal miners is investigated in Abst. No. 65.

The influence of strong magnetic fields on the electrocardiogram of the squirrel monkey is studied in Abst. No. 75.

A discussion of the x-ray hazard in small-animal veterinary practice is given in Abst. No. 76.

A report on odor control in cattle feed yards is given in Abst. No. 92.

Data on sick absence in certain Western Countries are presented in Abst. No. 99.

Abst. No. 100 investigates electrical injuries.

FOUNDATION FACTS

AN ENGINEERING DISCUSSIONAL ON NOISE, AIR POLLUTION, AND HOT ENVIRONMENTS was held at the Holiday Inn, Pittsburgh, Pa., January 12-14 for the membership of the Industrial Hygiene Foundation, sponsored by the Foundation's Engineering Committee, under the chairmanship of Dr. Lester V. Cralley, Chief Industrial Hygienist, Aluminum Company of America. There were 52 registrants all intimately engaged in the areas covered. Attendance was not limited to experts or even to engineers, but included those having practical problems in the areas covered. A distinguished group of authorities led the discussions. Characteristics and controls of major industrial noise sources, with stress on accuracy of noise measurement, were included, along with damage risk criteria and design factors. Specific cases were presented, allowing comparison of data between participants in the discussion period. Air pollution analysis and abatement was covered, along with a critical evaluation of certain engineering problems in equipment selection. Case reports were presented and discussed. Broad engineering aspects of measuring and interpreting data from hot environments and designing controls to physiological criteria were discussed by expert ventilation engineers and those having in-plant heat problems. Research needs were identified in some cases. No proceedings or papers will be published and comments at the meeting were considered "off the record" to stimulate discussion.

DR. PAUL GROSS, Director of the Research Laboratory, participated in a meeting on Colloids and Particulates in Tissues held at the Argonne National Laboratory. He spoke on the mechanics of uptake, retention, and translocation and excretion of particles. Dr. Gross has just been elected to the American Conference of Governmental Industrial Hygienists (ACGIH) as an Associate Member. (See Foundation Facts for December, 1964 where Dr. Gross' appointment to the ACGIH Threshold Limit Value Committee was announced).

NEW REPRINTS available from Industrial Hygiene Foundation upon request:

"Environmental Stress and the Aging Lung: The Pulmonary Effects of Air Pollution" by Paul Gross. Aging of the Lung, 217-226 (1964).

"The Processes Involved in the Biologic Aspects of Pulmonary Deposition, Clearance and Retention of Insoluble Aerosols" by Paul Gross, Health Physics 10, 995-1002 (1964).

"Enzymatically Produced Pulmonary Emphysema: A Preliminary Report" by Paul Gross, et al. J. Occ. Med. 6, 481-484 (Dec. 1964).

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