

From: Clegg, Patsy M SCC-CHSE-PC <patsy.clegg@shell.com>
Sent: Wednesday, December 17, 2003 1:23 PM (GMT)
To: Aram, Robin H SI-PXP <Robin.Aram@shell.com>; Breukelaar, Johan SCE-CSSP <johan.breukelaar@shell.com>; Briggs, Barnaby D SC-CSEA <barnaby.briggs@shell.com>; Cagen, Stuart Z SCC-HSE <stuart.cagen@shell.com>; Clarke-Sturman, Anthony J SIPC-OMF/32 <Tony.Clarke-Sturman@shell.com>; Clegg, Patsy M SCC-CHSE-PC <patsy.clegg@shell.com>; Colletti, Sarah J SCC-CSEA <sarah.colletti@shell.com>; English, Timothy A SCC <timothy.english@shell.com>; Frearson, Jeremy RA SI-PXXI <Jeremy.Frearson@shell.com>; Gibson, Rene EF SHLOIL-CA <rene.gibson@shell.com>; Hart, Rob R SIPC-OXXI <Rob.Hart@shell.com>; Iannarone, Lauren B SCC-CSEA <Lauren.Iannarone@shell.com>; Machado, Joe JM SCC-CHSE-JMM <Joe.M.Machado@opc.shell.com>; Machado, Joe SCC-SCC <J.Machado@shell.com>; Mann, Richard RC SIPC-OXX <Richard.Mann@shell.com>; Schroeder, Rick RDS Aera <rdschroeder@aeraenergy.com>; Tsai, Shan SP SHLOIL-SHLOIL-HE <Shan.Tsai@shell.com>; Walls, Chuck G SCC-CHSE <Chuck.Walls@shell.com>; Welch, Nick T SHLOIL-CA <Nick.Welch@shell.com>; Wood, Nick N SCHINA-EA <nick.wood@shell.com>
Subject: FW: Opening Ceremony Information
Attach: JCML Introduction.doc

A copy of the information provided to the attendees at the opening ceremony for the Shanghai Health Study.

*Regards,
Patsy*

Patsy Clegg
Product Steward
Shell Chemical LP
One Shell Plaza, 910 Louisiana, Houston, TX 77002-4916

Tel: +1 713 241 2521 **Fax:** 3325
Email: patsy.clegg@shell.com
Internet: <http://www.shell.com/chemicals>

-----Original Message-----

From: Richard.Irons@UCHSC.edu [mailto:Richard.Irons@UCHSC.edu]
Sent: Monday, December 15, 2003 6:39 PM
To: Clegg, Patsy M SCC-CHSE-PC; lynn.b.russo@exxonmobil.com; Burnetdm@bp.com
Subject: RE: Opening Ceremony Information

Attached please find our "official" description of the laboratory directly from the Chinese. I have not edited the translation so it is a little "rough" as English syntax goes, but it gives you an authentic picture of what we are saying about ourselves in Shanghai.

-----Original Message-----

From: Clegg, Patsy M SCC-CHSE-PC [mailto:patsy.clegg@shell.com]
Sent: Fri 12/12/2003 6:36 AM
To: Irons Richard

SHELL-MCCLURG-053941

Cc:
Subject: RE: Opening Ceremony Information

Rich,

Thanks a million. I look forward to receiving the information.

Regards,
Patsy

Patsy Clegg
Product Steward
Shell Chemical LP
One Shell Plaza, 910 Louisiana, Houston, TX 77002-4916

Tel: +1 713 241 2521 **Fax:** 3325
Email: patsy.clegg@shell.com
Internet: <http://www.shell.com/chemicals>

-----Original Message-----

From: Richard.Irons@UCHSC.edu [mailto:Richard.Irons@UCHSC.edu]
Sent: Thursday, December 11, 2003 10:15 PM
To: Clegg, Patsy M SCC-CHSE-PC
Subject: RE: Opening Ceremony Information

Dear Patsy,

I have a variety of newspaper articles, our brochure, the ceremony agenda etc. that I can give you, but it is currently in Mandarin. I can get some of this material translated over the weekend and will work on getting the rest to you early next week.

Best regards,

Richard

-----Original Message-----

From: Clegg, Patsy M SCC-CHSE-PC [mailto:patsy.clegg@shell.com]
Sent: Thu 12/11/2003 3:04 PM
To: Irons Richard
Cc:
Subject: Opening Ceremony Information

Introduction of Joint Sino-US Clinical and Molecular Laboratory

Joint Sino-US Clinical and Molecular Laboratory (JCML) is a collaborative effort established between the University of Colorado Health Sciences Center and Fudan University. JCML conducts research on occupational exposure to benzene, and studies the causes and effects between the infections of virus/drugs and blood/lymph system diseases.

The directors of the laboratory are Prof. Richard Irons, head of Molecular Toxicology & Environmental Health Sciences Research Program in the University of Colorado Health Sciences Center, and Prof. Fu Hua from School of Public Health, Fudan University. JCML staffs include American and Chinese specialists in hematology, pathology, and molecular biology. A few of the staffs of JCML have PhD and master's degrees, and some staffs have been trained abroad.

JCML consists of sample log-in room, cell culture room, FISH room, molecular biology room, cytogenetics room, flow cytometry room, CBC and other routine examination room, as well as external contact and document handling office. The lab owns the world first class laboratory equipments including automatic chromosome analysis and photo taken systems, automatic biology and chemistry analysis device (Roche), automatic blood corpuscle analysis device (CD3700), immune analysis device (IMx), five-color flow cytometry device (FC500), PCR device, tissue cutting device, temperature/humidity controlling device, ModulyoD device, CyroMed controlled Rate Freezers, Cryoplus Liquid Nitrogen Storage System, and fluorescence microscope, etc.

The project is sponsored by the International Benzene Health Research Consortium. The Consortium consists of British Petroleum, ChevronTexaco, ConocoPhillips, ExxonMobil and Shell Chemical Company. During the study, the Consortium will invest about 10 million US dollars.

JCML is an important part of the Sino-US project of benzene poisoning study. The project includes three tasks:

- Case and control study on acute myelogenous leukemia (AML) and non-Hodgkin's lymphoma (NHL);
- Study on aplastic anemia (AA), myelodysplastic syndrome (MDS), acute myelogenous leukemia (AML), and benzene poisoned disease progress;
- Study on molecular epidemic diseases on benzene exposed workers.

The collaboration has been established between JCML and more than 20 hospitals in Shanghai (mainly third level hospitals). The first class clinical laboratory examinations on blood, bone marrow, and lymphoma will be provided for the patients from the collaborative hospitals. The examinations include:

- Morphology
- Tissue immunology

- Flow cytometry
- Chromosomes
- FISH and recombination of the genes
- Molecular biology
- CBC, and diagnoses of leukemia and lymphoma according to WHO's standard classifications.

JCML is also responsible for other tasks of the study, including analyzing EB, HIV, C-liver and HHV virus from patients' blood samples; analyzing blood and chromosomes of the blood and bone marrow samples from the workers who exposed to benzene; studying on the genes which are susceptible to benzene; establishing lymph cell systems and culturing the bone marrow cells.

The study has been approved by related departments of Central and Shanghai governments, and by the ethical institutes of both China and USA. The study is also strongly supported by each big hospital in Shanghai, by SCDC and IPHS. The establishment of JCML will certainly make important contributions to Shanghai medical institutes, to the diagnoses, treatment and research of leukemia and lymphoma, and to the enhancement of occupational and labor protection.