SHANGHAI SATELLITE MEETING FOR
8th ICEM & 9th ALEXANDER
HOLLAENDER COURSE

October 30-31, 2001
Shanghai, China

“Human Population Monitoring
For Cancer Prevention”

Hosted by
IAEMS
International Association of
Environmental Mutagen Societies

Hosted by
CEMS
Chinese Environmental Mutagen Society

WELCOME

Dear Participants:
On behalf of the Chinese Environmental Mutagen Society and the Organizing Committee of Shanghai Satellite Meeting for 8th ICEM & 9th Alexander Hollaender Course, it is my great pleasure to welcome you to Shanghai.

The theme of this meeting focused on “Human Population Monitoring for Cancer Prevention”. The main objective is to provide a forum for scientists from different parts of the world to discuss their new findings and novel ideas. The Organizing Committee of this meeting, in conjunction with the IAEMS, has invited more than ten internationally recognized experts who will participate in the plenary lectures, Alexander Hollaender Course and workshops.

Shanghai is the biggest and one of the most developed cities and the economic center of China. As many people put it, Shanghai is the ‘Pearl of The East’, where you may experience a blended culture of the West and the East, the ancient and the modern. Along the banks of the Huangpu river, in a place called “The Bund”, modern skyscrapers stand face to face with European buildings that are over a hundred year’s old. A few minutes’ walk from the Bund is the Yu Garden, a classical Chinese garden famous for its delicacy and finess. Shanghai is also the heaven for shopping and food, with Nanjing and Huaihai Road being two of the busiest commercial streets in China. For those of you planning to see a bit more of this part of China, the famous ancient cities, Shuzhou and Hangzhou, are only one or three hours’ drive away.

CEMS is proud to host this meeting, the second international conference on environmental mutagens held in Shanghai. I extend a warm welcome to you and hope you’ll all have a good time here.

May this meeting an enjoyable and stimulating event!

Muquan Yin
President
CEMS

**Organizing Committee**
Jinglun Xue  **Chairman**
Xiaohu Xu
Zuoshu Jiang
Zuchu Chen
Shengnian Zhang
Kun Wu
Guangheng Lin
Leisheng Yan
Xu Wang
Jiwen Zhou
Jing Wang
Xiaopeng Wang

**Scientific Committee**
Muquan Yin  **Chairman**
Yingnian Yu
Shujun Cheng
Da Wang
Qiao Zhang
Tianhua Huang
Kaixian Xue
Jia Cao
Yiming Wu
Zenghong Tu
Zezhen Zhao
Huaiyi Li

**International Advisory Board**
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Donald MacPhee (Australia)
Hannu Norppa (Finland)
Hikoya Hayatsu (Japan)
Lars Hagmar (Sweden)
Makoto Hayashi (Japan)
Martyn Smith (USA)
Michael Fenech (Australia)
Peter Farmer (UK)
Raymond Tice (USA)
Richard Albertini (USA)

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**SCHEDULE**

October 29-31, 2001

<table>
<thead>
<tr>
<th>Date</th>
<th>2001/10/29</th>
<th>2001/10/30</th>
<th>2001/10/31</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>13:00 – 20:30 Registration</td>
<td>9:00 – 9:30 Opening ceremony</td>
<td>9:00 – 10:30 HollaenderCourse</td>
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<td>19:00 – 20:30 Reception</td>
<td>9:30 – 10:30 Plenary lecture</td>
<td>10:30 – 11:00 Coffee break</td>
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<td>11:00–12:00</td>
<td>Hollaender Course</td>
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<td>11:00–12:30</td>
<td>Plenary lecture</td>
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<td>12:00–14:00 Lunch and Poster presentation</td>
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<td>12:30–13:30</td>
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<td>14:00–15:30 Workshop (Session 1 Comet Assay; Session 2 HUMN)</td>
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<td>16:00–17:30 Workshop (Session 1 Comet Assay; Session 2 HUMN)</td>
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<td>19:00–20:30</td>
<td>Banquet</td>
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Scientific Program

Tuesday, 30 Oct. 2001

9:00—9:40 Opening Ceremony

1. Delivering Opening Address
   Dr. Muquan Yin CEMS President
   Dr. Michael D. Waters IAEMS President

2. Photographing

Plenary Lecture  Chair: Dr. Michael D Waters, Dr. Muquan Yin
9:40—10:00  Dr. Peter B. Farmer (UK)
Adduct detection in human monitoring for carcinogen exposure

10:00—10:20  Dr. Chunhai Li (China)
Clinical Application and Evaluation of Tumor Markers

10:20—10:50  Coffee Break

Plenary Lecture  Chair: Dr. Hikota Hayatsu, Dr. Wu Kun

10:50—11:10  Dr. Hikoya Hayatsu (Japan)
Inhibition of DNA adduct formation and mutagenic action of Trp-P-2
Chlorophyllin-chitosan in mice

11:10—11:30  Dr. Cao Jia (China)
Study on the changes of Chromosome damages, gene mutation and DNA
breakages as biological indicators for the Nasopharynx cancer patients
receiving radiation therapy

11:30—11:50  Dr. Richard J. Albertini (USA)
Non-cancer data in the evaluation of human cancer risk from specific
Chemicals

11:50—12:10  Dr. Martyn T. Smith (USA)
Using biomarkers to improve Benzene risk assessment and find the
Causes of leukaemia

12:30—13:30  Lunch

Plenary Lecture  Chair: Dr. Peter B. Farmer, Dr. Yingnian Yu

13:30—13:50  Dr. Masamitsu Homma (Japan)
Chromosomal instability in B-lymphoblastoid cell lines from Werner’s
and Bloom’s syndrome patients

13:50—14:10  Dr. Donald MacPhee (Australia)
Molecular Biology as a Tool in Cancer Epidemiology

14:10—14:30  Dr. Wu Kun (China)
Inhibitory effects of Vitamin E succinate on Benzo(A)Pyrene-induced
forestomach carcinogenesis in female mice

14:30—14:50  Dr. Marlies De Boeck, et al (Belgium)
Exposure and effect monitoring of workers in the cobalt/hard metal
Industries: absence of significant genotoxic effects

14:50—15:20  Coffee Break

Plenary Lecture  Chair: Dr. Donald MacPhee, Dr. Cao Jia
15:20—15:40 Dr. R. J. Sram, et al. (Czech)
The cytogenetic analysis in occupationally exposed groups in the Czech Republic.

15:40—16:00 Dr. Ashok Kumar Giri, et al. (India)
Chromosomal aberrations and sister chromatid exchanges in the symptomatic individuals exposed to arsenic through drinking water in West Bengal, India

16:00—16:20 Dr. Peter Schmezer (Germany)
Mutagen sensitivity and DNA repair capacity (DRC) as risk factors for non-small cell lung cancer

16:20—16:40 Dr. Nik van Larabeke, et al. (Belgium)
The Flemish health and environment study (FLHES): area of residence is associated with significant differences in HPRT mutant frequency in peripheral blood lymphocyte of women aged 50—65.

Wednesday, 31 Oct. 2001

Morning: 9th Alexander Hollaender Course

Chair: Dr. Jinglun Xue

9:00—10:00 Dr. Michael D. Waters (USA)
Human Population Monitoring for Cancer Prevention

10:00—10:30 Coffee Break

10:30—11:15 Dr. David Eastmond (USA)
Application of Biomarkers for Identification of Health Hazards and Risk in Human Population

11:15—12:00 Dr. James S. Felton (USA)
Exposure and Metabolism of Heterocyclic Amine Food Mutagens/Carcinogens in Humans

12:00—13:00 Lunch and Poster Presentation
Afternoon: Workshops

Session 1: Comet Assay  
Chair: Dr. Zuwei Gu

13:00--15:00 Dr. Raymond R. Tice (USA)

Session 2: HUMN  
Chair: Dr. M. Fenech, Dr. M. Kirsch-Volders, Dr. Cao Jia

13:00—13:40 Dr. M. Fenech (Australia)  
Brief overview of the objectives and results of the HUMN project

13:40—14:20 Dr. M. Fenech (Australia)  
Introduction to the lymphocyte micronucleus assay, new development and the importance of nucleoplasmic bridges.

4:20—15:00 Dr. Cao Jia  
The application of the micronucleus assay in population monitoring and genotoxicity testing in China

15:00—15:30 Coffee Break

15:30—17:00 Dr. Marlies De Boeck (Belgium)  
Application of the alkaline comet assay biomonitoring: internal standard and global repair phenotype

15:30—16:15 Dr. M. Kirsch-Volders (Belgium)  
Towards a more comprehensive lymphocyte cytokinesis-block micronucleus assay that includes mononucleated cells

16:15—17:00 Dr. M. Fenech (Australia)  
Demonstration of current scoring criteria using images from the HUMN interlaboratory method comparison project

General Information

Registration
The Meeting Registration Desk will be situated at the lobby of Hong Ye Hotel on 29 October, 2001 from 13:00 to 20:30, and on the main entrance of No. 2 Yifu Building of Fudan University from 8:30 to 17:00 throughout the meeting. All participants must register here to receive their name badges, meeting bags, final programs, lunch tickets,
invitations for welcome reception and banquet, etc.

**Welcome Reception**
All participants with invitation cards are invited to the Welcome Reception which will be held on 29 October, 19:00—20:30 in Dinning Hall of Hong Ye Hotel. Drinks and Snacks will be served.

**Banquet**
All participants with invitation cards are invited to Banquet which will be held on 31 October, 19:00—20:30 in Dinning Hall of Hong Ye Hotel.

**Name Badges**
Name badges will be given to all participants upon registering. Participants must wear their badges at all times to gain admittance to meeting and other social events.

**Lunch**
Lunch is available at the lounges of Yifu Building, Fudan University with a dated lunch ticket. You may bring lunch to everywhere to get together or enjoy yourself.

**Tea and Other Beverages**
Beverages are available in lounges of Yifu Building, Fudan University throughout the meeting.

**Messages**
Any program changes or other announcements from the organizers, and private messages will be posted on the Message Board located at the registration area.

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**Instructions for Presentation**

**A. Oral Presentation**
35 mm slide projector, overhead projector and LCD projector are available in oral presentation. Time allocated for each speaker in plenary lectures, Hollaender Course and workshops is indicated in the scientific program. The time includes discussion time. All speakers are asked to check-in at the speakers’ reception desk and to submit their slides or disk to the reception desk at least 30 min before their presentation.

**B. Poster Presentation**
Each author is responsible for mounting his/her materials on the board at 9:00—12:00 from 30—31 October, and for removing the materials before 17:00, 31 October. Reasonable supply of push-pins will be provided at
Timetable

A. Dinning Times

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
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<tbody>
<tr>
<td>07:00</td>
<td>Breakfast</td>
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<td>08:00</td>
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<tr>
<td>Looking at the Scientific Program</td>
<td>Lunch</td>
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<tr>
<td>18:00</td>
<td>Dinner</td>
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<td>19:00</td>
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B. Shuttle Bus between Hong Ye Hotel and Fudan University

8:30/everyday, from Hong Ye Hotel to Fudan University;

17:00/everyday, from Fudan University to Hong Ye Hotel.
Social Program

A. Bus Tour for Night View
All participants will be invited to take bus tour for night view at 19:30 - 21:30 on 30 October. A 2-hour drive with few stops will take you from Pu Xi to Pu Dong and enjoy the Shanghai night view.

B. One Day City Tour
Accompanying Persons of Foreign Guests will be invited. 8:30 on 31 October, Getting on the bus at the gate of Hong Ye Hotel, then visiting Yufo Temple, Shanghai Museum, Nanjing Road, Yu Garden (Having lunch here), Oriental Pearl Tower, Shanghai Grand Theatre, then going back to Hong Ye Hotel.

Organizers:
International Association of Environmental Mutagen Societies (IAEMS)
Chinese Environmental Mutagen Society (CEMS)

Co-Organizers:
Fudan University
Harbin Medical University

Sponsors:
Shantou University Medical College
Acheng Pule Company, Ltd.
United Gene Holdings, Ltd.
Hangzhou Red-Green Company  
Shanghai Municipal Center of Disease Prevention and Control

**Donations:**  
Prof. Cao Jia  
Prof. Wu Yiming  
Prof. Wang Xiaoyun  
Prof. Cheng Shujun