Follow-Up Announcement

17-18 October 2011
Beijing    China

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Tel: 8610-68281419; Mobile: 86-18810062955
Fax: 8610-68281419
Contact person: HAN Tie
Dear colleagues and guests,

It is a great pleasure and honor to welcome you to Beijing at this golden time here characterized by brilliant sunshine, refreshing breeze, and red smoke tree leaves. This season of harvest marks the 60th anniversary of the Academy of Military Medical Sciences (AMMS) of the People’s Liberation Army (PLA). In connection with this special occasion, the Conference on Military Medicine Collaboration and Development will be held in Beijing China from October 17-18.

With enthusiastic support of institutions and individuals in the field of military medicine, the Conference will witness attendees from the International Committee of Military Medicine (ICMM), World Health Organization (WHO), International Atomic Energy Agency (IAEA), Organization for Prohibition of Chemical Weapons (OPCW), as well as the United States of America, Germany, Switzerland, Thailand, and China.

The theme of the Conference is “Maintaining Peace and Safeguarding Health”, encompassing a wide range of interests, including NBC medical protection, extreme environmental medicine, health service, field surgery, and disease prevention and control. In addition to invited speeches and symposia, this conference will also feature lab tour and cultural events. I am convinced that the Conference will make positive contributions to collaboration and exchange of expertise and state-of-the-art technology for the advancement of military medicine.

I hope you will take some time out of your busy schedule to explore the unique history and culture and great changes in China and I trust that you will experience a productive, pleasant, and memorable meeting in this beautiful city of Beijing.

HE Fuchu, Ph.D.
Chair, Conference on Military Medicine Collaboration & Development
President, Academy of Military Medical Sciences
Academician, Chinese Academy of Sciences
Professor of Biology
### Organizing Committee

**Chair:** HE Fuchu  
**Vice Chair:** CHEN Xueru  
**Secretary General:** XU Xiegu  
**Members:**  
ZHANG Yongxiang  
ZHOU Wensheng  
DONG Wu  
CUI Zhenmin

### Scientific Committee

**Chair:** WU Zuze  
**Members:**  
LIU Hubo  
YANG Xiaoming  
HU Xiangjun  
WANG Hai  
CAO Wuchun  
LI Song  
SUN Jinggong  
CHEN Huipeng  
PEI Xuetao  
HUANG Liuyu  
QIAN Jun  
LIU Sugang

### Conference Secretariat

**Director:** ZHANG Yongxiang  
**Members:**  
WANG Ning  
SONG Yu  
FA Yunzhi  
WU Zhijun  
HUO Chunhua  
ZHANG Ye  
ZHANG Feng  
YU Xiao  
LU Xiansheng  
ZHANG Tianming  
LIU Hongmei  
YANG Chunmei  
WANG Peng  
HAN Weiguo  
LIU Sheng  
BIAN Yue
**Special Invited Speakers**

**CAO Wuchu**, Academy of Military Medical Sciences

**CHENG Tianmin**, Third Military Medical University, Academician, Chinese Academy of Engineering

**FU Xiaobing**, General Hospital of PLA, Academician, Chinese Academy of Engineering

**HE Fuchu**, Academy of Military Medical Sciences, Academician, Chinese Academy of Sciences

**LI Hua**, Academy of Military Medical Sciences

**ZHOU Pingkun**, Academy of Military Medical Sciences

**Marc Cadisch**, SPIEZ Laboratory, Switzerland

**Rethy Kieth Chhem**, Human Health Division, International Atomic Energy Agency (IAEA)

**Arthur M. Friedlander**, U.S. Army Medical Research Institute of Infectious Diseases

**Hugh Gregg**, Organization for Prohibition of Chemical Weapons (OPCW) Laboratory

**David E. Lenz**, U.S. Army Medical Research Institute of Chemical Defense

**Viktor Meineke**, Bundeswehr Institute of Radiobiology

**Boonyarak Poonchai**, Armed Forces Research Institute of Medical Sciences, Royal Thai Army

**Michael N. Sawka**, Thermal & Mountain Medicine Division, U.S. Army Research Institute of Environmental Medicine

**Stephan Schoeps**, Bundeswehr Medical Academy

**Horst Thiermann**, Bundeswehr Institute of Pharmacology and Toxicology
List of Topics

- NBC Medical Protection
- Extreme Environmental Medicine
- Health Service
- Field Surgery
- Disease Control and Prevention

Important Dates

- Oct. 16, 2011: Registration
- 17-18 Oct. 2011: Conference Sessions
- Evening, Oct. 17, 2011: Welcome Reception
- Evening, Oct. 18, 2011: Peking Opera Show
- Oct. 19, 2011: Great Wall/Forbidden City Tour
## Program at a Glance

<table>
<thead>
<tr>
<th>Time/Date</th>
<th>Sunday, Oct. 16</th>
<th>Monday, Oct. 17</th>
<th>Tuesday, Oct. 18</th>
<th>Wednesday, Oct. 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM - 9:00 AM</td>
<td>Registration</td>
<td>Opening Ceremony</td>
<td>Session I: Radiation Medicine and Field Surgery</td>
<td>The Great Wall Tour</td>
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<tr>
<td></td>
<td></td>
<td>Venue: Lecture Hall, Ground Floor</td>
<td>Venue: Lecture Hall, Ground Floor</td>
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<tr>
<td>09:00 AM - 10:30 AM</td>
<td></td>
<td>Plenary Speeches</td>
<td>Session II: Chemical and Biological Protection</td>
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<td></td>
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<td>Venue: Lecture Hall, Ground Floor</td>
<td>Venue: Meeting Room, 5th Floor of the Office Building</td>
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<td>10:30 AM - 11:15 AM</td>
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<td>2:00 PM - 2:30 PM</td>
<td>Buffet dinner</td>
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<tr>
<td>2:30 PM - 3:15 PM</td>
<td></td>
<td>Break</td>
<td>Introduction of AMMS</td>
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<td>3:15 PM - 3:45 PM</td>
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<td>Visit to Laboratories</td>
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<td>3:45 PM - 5:15 PM</td>
<td></td>
<td>Session I: Radiation Medicine and Field Surgery</td>
<td>Introduction of the Research Institutes</td>
<td>The Forbidden City Tour</td>
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<tr>
<td>5:15 PM - 5:50 PM</td>
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<td>Session II: Chemical and Biological Protection</td>
<td>Visit to Laboratories and Symposia</td>
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<td></td>
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<td>Venue: Lecture Hall, Ground Floor</td>
<td>Venue: Meeting Rooms of the Research Institutes</td>
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<tr>
<td></td>
<td>Evening</td>
<td>Welcome Reception</td>
<td>Buffet Dinner and Peking Opera Show</td>
<td>Buffet dinner</td>
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<tr>
<td>8:30AM - 9:00AM</td>
<td><strong>Opening Ceremony</strong></td>
<td>Lecture Hall, Ground Floor</td>
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<tr>
<td>8:30 am - 8:40 am</td>
<td>Welcome Speech by Chair HE Fuchu</td>
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<tr>
<td>8:40 am - 8:50 am</td>
<td>Speech by a Foreign Delegate</td>
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<tr>
<td>8:50 am - 9:00 am</td>
<td>Speech by the Leader of the Health Department, General Logistic Department of PLA</td>
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<tr>
<td>9:00 AM - 9:15 AM</td>
<td><strong>Group Photo of Delegates</strong></td>
<td>In Front of the Office Building</td>
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<tr>
<td>9:15 AM - 11:50 AM</td>
<td><strong>Plenary Speeches</strong></td>
<td>Lecture Hall, Ground Floor</td>
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<tr>
<td>9:15 am - 10:00 am</td>
<td>Military Medicine Innovation and Development Driven by Modern Biotechnology</td>
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<tr>
<td>10:00 am - 10:20 am</td>
<td>Tea Break</td>
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<tr>
<td>10:20 am - 11:05 am</td>
<td>Heat Stress and Aerobic Performance: Is there a Critical Core Temperature?</td>
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<tr>
<td>11:05 am - 11:50 am</td>
<td>The Development of Military Medicine and Medical Training in Germany after World War II</td>
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<tr>
<td>12:00 PM - 2:00 PM</td>
<td>Buffet Lunch</td>
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Note: 30mins for presentations and 15mins for Q&A
### Session I: Presentations on Radiation Medicine and Field Surgery

**Chair:** Viktor Meineke (Bundeswehr Institute of Radiobiology)

**YANG Xiaoming** (Director, Institute of Radiation Medicine, AMMS)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 pm - 3:15 pm</td>
<td>The IAEA Global Role in Radiation Medicine</td>
<td>Rethy Kieth Chhem, MD, Ph.D., Director, Human Health Division, International Atomic Energy Agency</td>
</tr>
<tr>
<td>3:15 pm - 4:00 pm</td>
<td>The Biological Basis and Frontier Technology for the Treatment and Prevention of Ionizing Radiation Injury</td>
<td>ZHOU Pingkun, Ph.D., Academy of Military Medical Sciences</td>
</tr>
</tbody>
</table>

**4:00 pm - 4:20 pm**  
Tea Break

**4:20 pm - 5:05 pm**  
Biological and Clinical Dosimetry, the Need for an Integrative Approach to Assess Radiation Damage  
**Viktor Meineke, MD,**  
Director, Bundeswehr Institute of Radiobiology

**5:05 pm - 5:50 pm**  
Unit Based Medical Surveillance Along Thailand’s Border  
**Boonyarak Poonchai, MD,**  
Director, Armed Forces Research Institute of Medical Sciences, Royal Thai Army

### Session II: Presentations on Chemical and Biological Protection

**Chair:** David E. Lenz (U.S. Army Medical Research Institute of Chemical Defense)

**LI Song** (Director, Institute of Toxicology and Pharmacology, AMMS)

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>2:30 pm - 3:15 pm</td>
<td>Chemical Analysis in the Verification of the Chemical Weapons Convention</td>
<td>Hugh Gregg, Ph.D., Head, OPCW Laboratory</td>
</tr>
<tr>
<td>3:15 pm - 4:00 pm</td>
<td>Medical Countermeasures against Chemical Threats – Efforts of AMMS in Building the National Emergency Medical Response System for Chemical Events</td>
<td>LI Hua, Ph.D., Academy of Military Medical Sciences</td>
</tr>
</tbody>
</table>

**4:00 pm - 4:20 pm**  
Tea Break

**4:20 pm - 5:05 pm**  
Emerging Protein-based Drugs for Medical Defense and their Use for Protecting Varied Populations  
**David E. Lenz, Ph.D.,**  
U.S. Army Medical Research Institute of Chemical Defense

**5:05 pm - 5:50 pm**  
Diagnosis and Advanced Treatment of Nerve Agent Poisoning  
**Horst Thiermann, Ph.D.,**  
Bundeswehr Institute of Pharmacology and Toxicology

*Note: 30mins for presentations and 15mins for Q&A*
### Day 2: Tuesday 18 October 2011

#### Session I: Presentations on Radiation Medicine and Field Surgery

**Chair:** Stephan Schoeps (Bundeswehr Medical Academy)  
**HE Fuchu (Chair, Organizing Committee)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker, Affiliation</th>
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<tbody>
<tr>
<td>8:30 am - 9:15 am</td>
<td>Research Approaches on Radiation Combined Injury in China</td>
<td>CHENG Tianmin, Third Military Medical University, Academician, Chinese Academy of Engineering</td>
</tr>
<tr>
<td>9:15 am - 10:00 am</td>
<td>Epidemiology of Incidence of Superficial Wounds in Chinese Population</td>
<td>FU Xiaobing, Ph.D., General Hospital of PLA, Academician, Chinese Academy of Engineering</td>
</tr>
<tr>
<td>10:00 am - 10:30 am</td>
<td>Tea Break</td>
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#### Session II: Presentations on Chemical and Biological Protection

**Chair:** Arthur M. Friedlander (U.S. Army Medical Research Institute of Infectious Diseases)  
**CAO Wuchun (Director, Institute of Microbiology and Epidemiology, AMMS)**

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<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker, Affiliation</th>
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</thead>
<tbody>
<tr>
<td>8:30 am - 9:15 am</td>
<td>Anthrax Vaccines: the Old and the New</td>
<td>Arthur M. Friedlander, MD, U.S. Army Medical Research Institute of Infectious Diseases</td>
</tr>
<tr>
<td>9:15 am - 10:00 am</td>
<td>Progress in Bio-Defense at AMMS</td>
<td>CAO Wuchu, Ph.D., Director, Institute of Microbiology and Epidemiology, AMMS</td>
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<tr>
<td>10:00 am - 10:30 am</td>
<td>Tea Break</td>
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#### Plenary Speeches

**Chair:** ZHANG Yongxiang (Member, Organizing Committee)

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<thead>
<tr>
<th>Time</th>
<th>Presentation</th>
<th>Speaker, Affiliation</th>
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<tbody>
<tr>
<td>10:30 am - 11:15 am</td>
<td>Switzerland’s CBRN Protection System and Its Response to CBRN Threat Samples</td>
<td>Marc Cadisch, Ph.D., Director, SPIEZ Laboratory</td>
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</table>

*Note: 30mins for presentations and 15mins for Q&A*

#### Closing Ceremony

**Chair:** XU Xiegu (Secretary General, Organizing Committee)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Details</th>
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<tbody>
<tr>
<td>11:15 am - 11:45 am</td>
<td>Closing Ceremony</td>
<td>Lecture Hall, Ground Floor</td>
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<td>12:00 PM - 2:00 PM</td>
<td>Buffet Lunch</td>
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<td>Time</td>
<td>Event</td>
<td>Location</td>
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<tr>
<td>2:00 PM - 3:15 PM</td>
<td><strong>Visit to Laboratories</strong></td>
<td><em>Meeting Room, Center of Biomedical Analysis</em></td>
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<tr>
<td>Chair: CHEN Xueru (Vice Chair, Organizing Committee)</td>
<td>2:00 pm - 2:30 pm</td>
<td>Introduction of AMMS</td>
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<td></td>
<td>2:30 pm - 2:45 pm</td>
<td>visit to laboratories of The Center of Biomedical Analysis</td>
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<td>2:45 pm - 3:00 pm</td>
<td>visit to the Laboratory of Molecular Diagnostics of Infectious Diseases</td>
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<td>3:00 pm - 3:15 pm</td>
<td>visit to OPCW-designated laboratories</td>
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<tr>
<td>3:30 PM - 5:15 PM</td>
<td><strong>Visit to Research Institutes and Symposia</strong></td>
<td><em>The Research Institutes</em></td>
</tr>
<tr>
<td>Chair: Director of Each Institute</td>
<td>3:30 pm - 3:45 pm</td>
<td>Introduction of the Research Institutes</td>
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<td></td>
<td>3:45 pm - 5:15 pm</td>
<td>Visit to Laboratories and Symposia</td>
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General Information

**Conference language:** The official language of the conference will be English, with simultaneous interpretation between English and Chinese available.

**Dress code:** Military personnel are to wear uniforms on official occasions and casuals for cultural events and touring activities.

**Climate:** In October, the weather in Beijing is mostly delightful and invigorating, with clear blue sky, bright sunshine, and daily temperatures ranging from 11°C/51.8°F to 21°C/69.8°F, which is perfect for conferences and tours.

**Transportation:** Pick-up and transfer is available free of charge during the conference.

**Medical assistance:** The organizing committee of the conference will provide general medical assistance for attendees during the meeting. If necessary, arrangements will be made for medical care in local hospitals at the attendee’s own expense.

**Time zone:** China adopts GMT+8 as the standard time, otherwise known as Beijing Time.

**Electricity:** In China, electricity is supplied at 220 Volt / 50Hz AC. The connection for appliances is a 3-pin plug. Most hotels have a receptacle for three-pin plugs, as is shown in the picture. Attendees are advised to be equipped with their own adaptors if necessary.

**Internet access:** Internet access for notebook users will be provided at the hotel designated for the meeting.

**Currency exchange:** RMB (Renminbi) is the only currency in circulation in China. Foreign currency can be exchanged at airports, banks, hotels, exchange offices, and major shopping centers. Major credit cards, such as Master Card, Visa, and American Express etc. are accepted at most hotels and stores.
**Hotel Information**

**Name of the hotel:**
Holiday Inn Beijing Chang An West (★★★★)

**Address:**
66 Yongding Road, Haidian District, Beijing, China

**Website:**
Peking Opera Show

Peking Opera

Peking Opera of China is a national treasure and the quintessence of Chinese culture. It is a synthesis of a variety of art forms to represent a story or depict different characters. Peking Opera is a combination of literature, music, dance, martial arts, and acrobatics all blended into one changing and exciting panorama. In Peking Opera there are four main types of roles: sheng (male), dan (young female), jing (painted face, male), and chou (clown, male or female). Artistically, Peking Opera is comprehensive, stylized, and conceptualized in its depicting of characters by chang (singing), nian (dialogue), zuo (acting) and da (martial arts) as well as hand gestures, eye movements, and gait.
Tour Information

The Great Wall at Badaling

Located at Guangou of Yanqing county northwest of Beijing, the Great Wall at Badaling is the most brilliant representative section of the Great Wall of the Ming Dynasty. Built in the 18th year of Hongzhi (1505), this section is marked by formidable precipices and dense plants, forming a majestic view for numerous visitors from all over the world. In 1961, the Chinese government listed it as Cultural Relics of National Importance under the Protection of the State and in 1987 it was incorporated into UNESCO's World Cultural Heritage list.

The Forbidden City

Located in the center of Beijing, the former imperial palace, also known as the Purple Forbidden City, was the royal palace for the Ming and Qing dynasties. Construction work began in 1406, the fourth year of the Ming emperor Yongle’s reign. Covering an area of 720,000 square meters with more than 890 palace buildings containing over 9900 rooms in various sizes, it is the biggest and most complete surviving building complex. Called the “Sea of Palaces”, this grand and magnificent imperial palace embodies the essence of ancient Chinese architecture. In 1961 it was listed as state-level historical site and in 1987 it was added to UNESCO's World Cultural Heritage list.