



Harbin International Sports & Exhibition Center

**The 4<sup>th</sup> International Forum on Advanced  
Pharmaceutical Technology & Business Development  
Strategies**

**第四届中国国际制药前沿技术与产业化发展论坛**

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**August 1-August 3, 2006**

**Harbin International Sports & Exhibition Center**

**Harbin, China**

*The Best Channel For You to Get The Update Pharmaceutical*

*Information*



## Welcome To The 4<sup>th</sup> International Forum on Advanced Pharmaceutical Technology & Business Development Strategies (IFAPT)

Dear Sir or Madam:

It's my great pleasure to invite you to the 4<sup>th</sup> International Forum on Advanced Pharmaceutical Technology & Business Development Strategies (IFAPT), Harbin, China from August 1<sup>st</sup> to 3<sup>rd</sup>, 2006. IFAPT intends to bring together outstanding national and international scientists, industry principals and government authorities to discuss the most recent advanced technologies and hotspots in the field of pharmaceutical R&D and industrialization.

Over 500 experts representing national and international pharmaceutical companies, R&D oriented companies, academic institutions and universities will attend the Forum

Speakers will give presentations including:

- .. **Advanced Technology in Pharmaceutical Preparations Manufacture Techniques**
- .. **Advanced Technology and Industrialization in Traditional Chinese Medicine (TCM) and Natural Medicine**
- .. **Advanced Technology in Bio-pharmaceutical Research & Development and Industrialization**
- .. **Advanced Technology in Small Molecule Drug Research & Development and Industrialization**
- .. **Drug Standard Research Advances and Discovery Update**

We have arranged a visit to *China National New & Special Drugs Fair* to give attendees a first-hand look into the china pharmaceutical market.

Join and exchange ideas with hundreds of your colleagues from different institutions at the beautiful North China' Pearl- Harbin on August 1-3 for 4<sup>th</sup> IFAPT.

On behalf of the China Pharmaceutical Technology Transfer Center and Reed Sinopharm Exhibitions Co., Ltd (Reed)... Welcome to Harbin!

Sincerely,

Guozhong Rui

President of China Pharmaceutical Technology Transfer Center



## ***About IFAPT***

### **What is IFAPT?**

*International Forum on Advanced Pharmaceutical Technology & Business Development Strategies* (IFAPT) is a high level platform founded for national and international pharmaceutical companies and research institutions on which the specialists and managers exchange their ideas and obtain up-to-date information about national and international new drug development and innovational technology industrialization. This Forum has been successfully convened three times. Thanks to its influence on medical development and industrialized technology innovation, the Forum has made a good contribution to the pharmaceutical development facilitating and the advanced technology application introduction.

### **Who Will Be At IFAPT?**

1. Medium & senior supervisors and principals in research& development, technology and quality area from National and international pharmaceutical companies, research & development oriented companies ;

2. President, project manager and technology VIP who supervise the science /technology R&D and technology transmissions from Sorts of new drug R&D center, academic institutions and Universities;

3. Medium & senior supervisors and project managers from other institutions who take part in the new drug development, investing and industrialization such as: medicine technology industrialization garden, incubator of technology, investing organization, bloc of industry, medical institution and technology medium company.

### **Reasons Why You Should Attend IFAPT**

In this forum, principals and authorities will put forward excellent thematic report on focal aspects covering the developing tendency of Chinese and worldwide pharmaceutical industry & technology, advanced management, policy / regulations and advanced technology applications. These principals and authorities will come from National Science & Technology Commission, Development & Reform Commission, Drug Administration and drug administration department of Europe/America government or organization, world famous pharmaceutical companies and researching institutions. The Tract Part will enclose many presentations that will also include high-level discussion and interaction.



## *Presentations on the 4<sup>th</sup> IFAPT*

### **Session 1 : Advanced Technology in Pharmaceutical Preparations Manufacture Techniques**

- 1) Techniques and research in Extended/controlled - release preparations;
- 2) New technology of transdermal preparations;
- 3) Technologies of new type of local application (eye, oral cavity, nasal cavity, rectum, implant etc.) preparations;
- 4) Target-aiming drug delivering system research up date;
- 5) New technologies and applications in Pharmaceutical preparations .



*Presentations on the 4<sup>th</sup> IFAPT*

**Session 2: Advanced Technology and Industrialization in Traditional Chinese Medicine (TCM) and Natural Medicine**

1) Active Substance Research Technology in TCM

- Research method relevant to active substance in TCM and natural medicine, research relevant to effective groups in TCM compounds
- New drug research technology based on semi-synthesis with the natural product as the Lead Compound
- Modern bio-technology applying in active substance selection from TCM
- Thermodynamics selection method in anti-virus TCM research
- Chemical and biologic activities research in plant medicine
- Recent situation of active substance evaluation in TCM
- New development of vascular dementia therapy by TCM; research method of TCM & natural medicine pharmacokinetics, etc..

2) Active substances abstracting and separating technology in Traditional Chinese medicine:

- Microwave Abstracting Method
- Bio-enzyme decomposing technology
- Liquid and solid separating technology
- High-speed Countercurrent Chromatography ( HSCCC )
- Dynamic abstraction technology in modern TCM procession
- Research into ceramic membranes applying in TCM manufacture and abstraction; research in high pressure abstraction in TCM
- New technologies and new processions in abstraction and concentration of TCM
- Pivotal technology in Microwave Abstracting Method; Supercritical hydro-abstraction technology
- Membranes separating technology
- New technology in natural product separation by Column Chromatography
- Active TCM polysaccharid separating and purifying technology
- Research in glycyrrhizic acid abstraction and analysis method.

3) Selecting of Safety Evaluation Method



- .. Quality assurance in TCM toxicology evaluation
- .. Adverse events monitoring in TCM clinical study
- .. Safety probing into for TCM injections.

#### 4) Pivotal Technology in Traditional Chinese Medicine Modernization

- .. Super Fine Crushing Technique applying in TCM subtly processing
- .. Distillation technology and relative applying in TCM manufacture
- .. Technology of formula improving and process improvement and dissolution improvement
- .. New method of gas ethanol applying in TCM sterilization
- .. New technology and new equipment setting in herbal medicine abstracting
- .. Leavings recycling technology in TCM extraction process
- .. Technology questions and solutions lying in traditional process in TCM & natural medicine extraction
- .. Process optimizing of spray-drying technology in TCM granules manufacture
- .. Volatile oil parceling technology
- .. Moisture proofing technology in solid TCM preparations.

#### 5) Pivotal Technology in Chinese Important Traditional Medicine Industrialization

- .. New technology research on methods of Salidroside extracting
- .. High effective methods of Puerarin extracting research
- .. Research in ginkgo leaf standardized extract (GBE) producing
- .. Research in extracting process and medical effect of ginseng's active substances
- .. Natural hirudin extracting method in living bloodsucker
- .. Research on purifying process improvement of anti-inflammation and anti-virus TCM oral solution producing
- .. New development in research relevant to artemisinin and its deriving compounds.



*Presentations on the 4<sup>th</sup> IFAPT*

**Session 3: Advanced Technology in Bio-pharmaceutical Research & Development and Industrialization**

- .. Investigation of Gene's non-virus conveying system
- .. Research in poly-peptide and protein drug conveying system
- .. Protein micro-array analysis technology
- .. Nano target-direction technology and across membranes technology
- .. Research in nucleic acid drugs
- .. Investigation of functional gene groups and bio-chip
- .. Investigation of method and industrialization prospect in microorganism drug and anti-body drug
- .. Prospect of stem cells and relative drugs' therapy
- .. Technology platform and technology optimizing of antibody manufacturing
- .. Gene therapy technology and virus therapy technology
- .. New break-through in bio-molecular purifying technology
- .. Fermenting technology.



*Presentations on the 4<sup>th</sup> IFAPT*

**Session 4 : Advanced Technology in Chemical Drug Research & Development and Industrialization**

- 1) New Method and Technology Applying in Drug Selection;
- 2) Splitting Method for Chiral Drug;
- 3) Pivotal Technology in Drug Manufacturing Modernization;
- 4) Pivotal Technology In Research Relevant to Important Disease. Covering the Following Area:

- .. Applying and development of Blood lipids regulating drugs and anti-arteriosclerosis drugs
- .. Research update in drugs for neural system and immunity regulating system relative disease
- .. structure-effect and structure modifying investigation of selective COX-2 inhibitor
- .. Characteristics lying in structure – modifying of steroidal drugs for senile disease
- .. Drug select for senile dementia
- .. Research in drugs for migraine
- .. Investigation of molecular- target aiming anti-tumor drug
- .. Research and development update of anti-virus drug based on enzyme inhibition
- .. Anti-bacteria drug ( Oxazolidinones, Fluoroquinolones and others ) developing
- .. Research in anti-virus drug (anti-HBV, anti-HIV )
- .. Therapy of metabolism system disease such as diabetes
- .. Development of anti – osteoporosis drug.

5) Relative Technology Research in Manufacture Industrialization

- .. Research& development of excipient used in Nasal cavity applying drug
- .. The safety of excipient in pediatric oral solution formula design
- .. Analysis of different ratios in compound antibiotics development
- .. Research and applying development of transdermal enhancer
- .. Chemical research development of the anti tumor drug Paclitaxol
- .. Pharmaceutical applying development of Cyclodextrin and relative ramifications.



*Presentations on the 4<sup>th</sup> IFAPT*

**Session 5: Drug Standard Research Update Advances and Discovery –**

- 1) Technology in Bio-pharmaceutical Drug Quality Research
  - .. Specifications and analysis method for biotechnological product
  - .. Attesting experiment for bacteria and fungi counting method in microorganism limit assay
  - .. Analysis of quality control parameters for cytoplasmic matrix used for vaccine manufacture
  - .. Drug standard investigation of animal origin drug in *Chinese Pharmacopoeia*
  - .. Observing questions lying in quality control investigation of bio-chemical drug
  - .. Standardized research in compound TCM, etc..
- 2) TCM Quality Research Technology
  - .. Structure appraisal and analysis
  - .. Modern analysis technologies in TCM quality evaluation
  - .. Chromatography technology applying in TCM chemical analysis
  - .. TCM fingerprint chromatography research
  - .. Synopsis of the glycyrrhizic acid extracting method from liquorice and relative analysis method
  - .. The extracting technology based on solvent pressure increasing
  - .. Solid phase micro-abstracting-GC-MS technology applying in TCM volatilizable substance
  - .. Research relevant to capillary zone electrophoresis (CZE) technology in quantity analysis with substances kind of nucleotide
    - .. DNA molecular marker identification of TCM
  - .. X-ray diffractive analysis applying in TCM & herbal medicine research
  - .. Technology of single cell analysis based on living body in TCM research
  - .. Investigation of TCM active substance analysis and quality control
  - .. Quality control technology for animal origin TCM, etc,
  - .. Standard research in angelica oil and crocus extract
  - .. Technology requirement of standard research in the TCM granules based on TCM formula
  - .. Research in Ginkgolide assaying with HPLC-ESI-MS



- .. Curcumenol assaying in *Curcuma phaeocaulis* Valetton with capillary gas chromatography
- .. Selection of the evaluation parameters for TCM preparation process study
- .. Target-direction Liposomes and relative quality control
- .. Chemical stability analysis and long term stability study of the lipid skeleton for solid lipid nano-particles (SLN), etc..

### 3) Technology in Chemical Drug Quality Research

- .. The instrument joint -applying technologies in drug analysis
- .. The analysis and separation of chiral drug
- .. Analysis technology of minim drug substance in the bio-body
- .. Study of drug metabolism and transform
- .. Analysis method of prototype drug and metabolized substance in body fluid
- .. Quality control study of new drug
- .. The structure study of the effective substance enlisting modern instrument
- .. The metabolism and analysis of chemical synthesis drug and natural drug mono-substance extract
- .. Problem and relative analysis of drug chromatics study
- .. Study of the new method -ATP-CVA- a sensitivity testing method of chemical therapy drugs for tumors
- .. Technology of Near Infrared Spectroscopy Analysis, etc.



Together with the forum we will hold

**Advanced New Drug Development Technology & Project Exchange Fair**

Focusing on the technology developing tactics and pivotal technologies lying in the technology innovating ability and industrialization of domestic pharmaceutical corporations especially that from the northeast region- the characteristic of 41st *China National New & Special Drugs Fair*, basing on the sufficient market investigation, we will especially introduce some high level new drug technology and projects with more innovative, more advanced and more practicable nature and with high industrialization developing fruitful level. We will also invite the experts from research institutions relevant to the aforementioned new drug technology and projects together with some specialists to have lectures and make showcases so that will be convenience for the demanding corporations and the relative specialists.

**About the 41st *China National New & Special Drugs Fair***

This forum will be held in the same city and in the same time with *China National New & Special Drugs Fair*

**About this fair please visit <http://www.newdrugschina.com.cn>**



### Call for Abstracts

We welcome articles (relative to the thematic of the forum) put forward by the specialists and experts from new drug & technology developing centers, technological academies, universities, new technology oriented companies and technology center of pharmaceutical corporations. We will evaluate these articles by expert board organizations and select out some for the forum.

Format of the article is free, content of the article should emphasize on novelty, science and practicability. The article should be delivered by Email to the undertaker.

Deadline of the article delivering is: July 15, 2006.

E-mail:forum@pharmtec.org.cn.

### Abstract Form

Title:  Prof  Asso.Pro  Med. Dr  Phd Dr  Mr  Mrs  Miss

Surname: \_\_\_\_\_ Given Name \_\_\_\_\_

Department/Institute: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ City: \_\_\_\_\_

Contry: \_\_\_\_\_ Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Please choose one of the following categories for your abstract:

- Advanced Technology in Pharmaceutical Preparations Manufacture Techniques**
- Advanced Technology and Industrialization in traditional Chinese Medicine (TCM) and Natural Medicine**
- Advanced Technology in Bio-pharmaceutical Research & Development and Industrialization**
- Advanced Technology in Chemical Drug Research & Development and Industrialization**
- Drug Standard Research Advances and Discovery Update**

Article title:

\_\_\_\_\_

Preferred type of presentation:

Oral presentation

Poster presentation

Please attach your article to the form.



中国医药科技成果转化中心

China Pharmaceutical Technology Transfer Center

### *Call for Technology Projects*

We welcome institutions like national and international new drug& technology developing centers, technological academies, universities and new technology oriented companies to recommend the new drug technology and project with prominent technology innovation and with high level industrialized developing fruit. We will undertake pre-evaluations for these projects and also we will bring together Reed, local science& technology and drug supervising authorities to select out some corporations who have the industrialization ability and is hungry for technology to make the deal accordingly.

Deadline of the technology project collection is: June 30, 2006



## Registration

Registration forms are following enclosed. These must be returned with appropriate fee.

### **Registration Fee:**

The 4<sup>th</sup> International Forum on Pharmaceutical Advanced Technology & Business Development Strategies                      US\$800.00

### **Entitlement:**

Registration for The 4<sup>th</sup> International Forum on Pharmaceutical Advanced Technology & Business Development Strategies can entry to all scientific sessions. The registration fee also includes document fee and board fee. (Travel & Hotel arrangement are not included)

### **Payment Procedure**

Overseas participants: only cash can be accepted (on-the-spot).

Domestic participants: payment can be made by cheque, bank draft, or cash.

### **Confirmation of Registration & Official Receipt**

An official letter or email of confirmation will be sent to all registered participants. This letter also serve as an official receipt. Please present your confirmation letter at the registration desk to obtain your participant package.

### **Registration Time**

Registration for The 4<sup>th</sup> International Forum on Pharmaceutical Advanced Technology & Business Development Strategies will begin in the morning of July 31, 2006 at *Harbin International Sports & Exhibition Center*



The 4<sup>th</sup> International Forum on Pharmaceutical Advanced  
Technology & Business Development Strategies  
Harbin, China

Registration Form

Title:  Prof  Asso.Pro  Med. Dr  Phd Dr  Mr  Mrs  Miss

Surname: \_\_\_\_\_ Given Name \_\_\_\_\_

Department/Institute: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_ City: \_\_\_\_\_

Country: \_\_\_\_\_ Telephone: \_\_\_\_\_

Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

Registration fees

Participant US \$ 800

Please return this form to :

*Note: hotel will be  
booked together or you  
can contact to:*

China Pharmaceutical Technology Transfer Center

Address: No.154 Gulou Street, Beijing, P.R. China

Post code:100009

Please contact: Qing Tian, Han Yan, Yinghuan Li, DanlingZhao

Tel: (010) 51665863 to 879, 878, 858, 876

Fax: (010) 64014452 or (010) 51665863 - 828

E-mail:forum@pharmtec.org.cn.

Our website: [www.pharmtec.org.cn](http://www.pharmtec.org.cn)

Or to

Reed Sinopharm Exhibitions Co., Ltd(Reed)

Address: Sinopharm Building ,No. 20 Zhichun Rd, Haidian

District, Beijing, China

Post code: 100088

Please contact: Fuyong Ma, Shiyue Cao, Jia Zhuo

Tel: (010) 62028899 to 3107, 3819

Fax: (010) 62033210

E-mail:pharmchina@cpec.com.cn

<http://www.newdrugschina.com.cn>

Signature: \_\_\_\_\_

Date: \_\_\_\_\_