



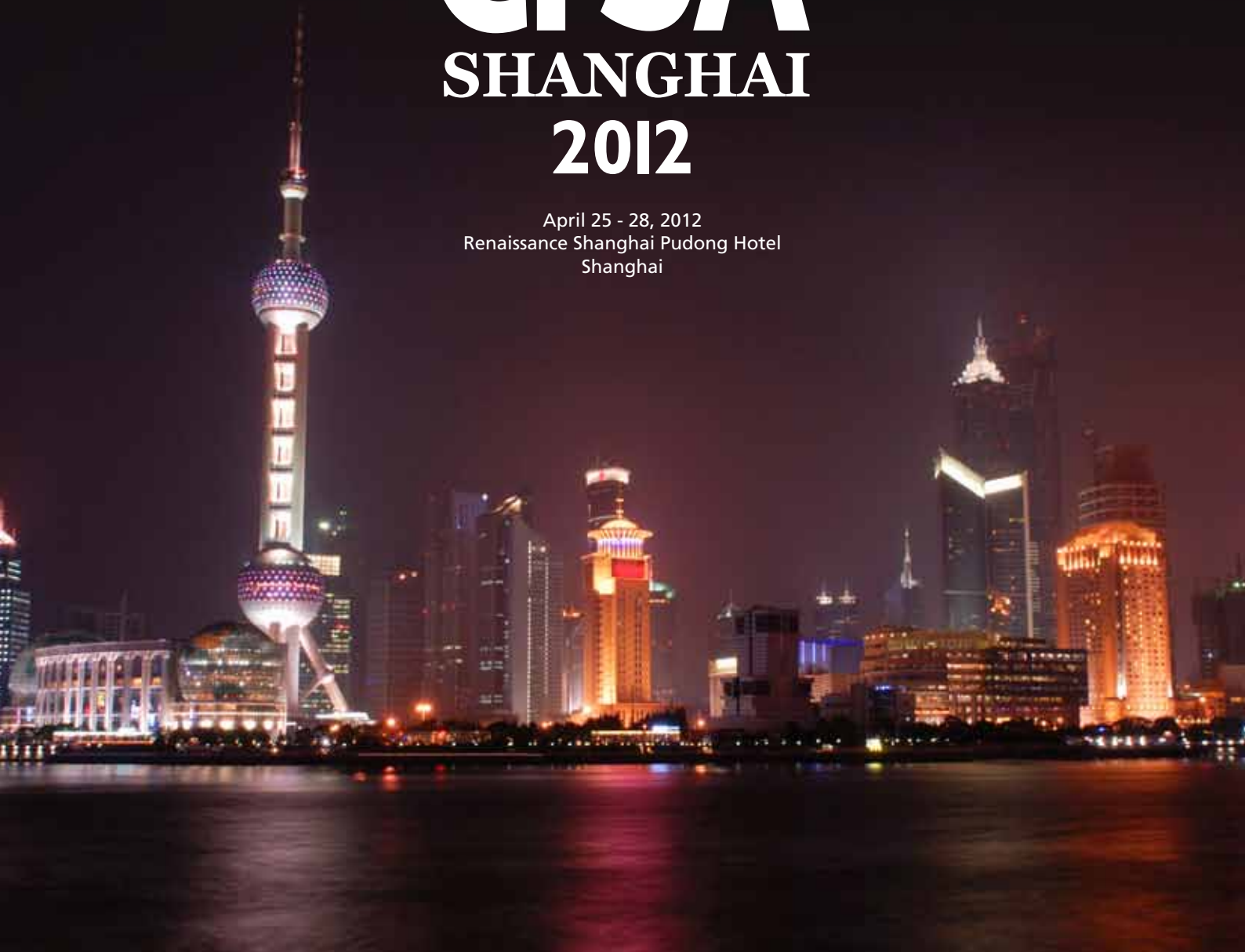
3RD ANNUAL SYMPOSIUM

Chemical & Pharmaceutical Structure Analysis

*Where Technology and Solutions Meet
Where East Meets West*

CPSA SHANGHAI 2012

April 25 - 28, 2012
Renaissance Shanghai Pudong Hotel
Shanghai



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WELCOME

Inspiration to Application

Dear Colleague:

On behalf of the organizing committee and our sponsors, we welcome you to the 3rd Annual Shanghai Symposium on Chemical and Pharmaceutical Structure Analysis (CPSA Shanghai 2012). It is a great pleasure to host this unique event in Shanghai again.

The goal of CPSA Shanghai annual meetings is to provide in-depth reviews of innovative technology and industry practices through the open discussion of issues and needs. At CPSA Shanghai, the diversified symposia and roundtables are highly interactive events where scientists share their experiences and visions in a collegial setting. The program will highlight speakers and sessions that provide firsthand experiences as well as latest guidance by regulatory agencies, which reflects the theme of this year's meeting "From Bench to Decision Making - from Basics to Application." In addition to the successful Young Scientist Excellence Award featured at last year's annual meeting, we are pleased to introduce the Executive Roundtable Discussion with panelists representing MNCs, CROs and home-grown start-ups, to discuss the dynamic and evolving offshore R&D environment. The unique Innovation Award, which promotes active involvement of our premier exhibitors, as well as scientists, makes it to "prime time" at this year's annual meeting with dedicated events and sessions.

Imagination and stimulating discussion are central to each CPSA function and session. We aim to bring scientists together from both East and West; and thus, CPSA Shanghai 2012 has created a unique meeting environment that encourages ideas sharing and promotes creative thinking. Our hope is for attendees to actively participate in the conference and to become inspired with new ideas, new contacts, and with practical actions they can apply.

Special thanks are extended to our sponsors who all share their sincere beliefs that CPSA Shanghai is the premier international event to meet experts in the field and to openly discuss our industry's most fundamental challenges. Enjoy the conference where technology and solutions meet... And where East meets West!

Sincerely,



Mike S. Lee, Ph.D., Founder CPSA



Jenny Zheng, Ph.D., CPSA Shanghai 2012 Program Chair

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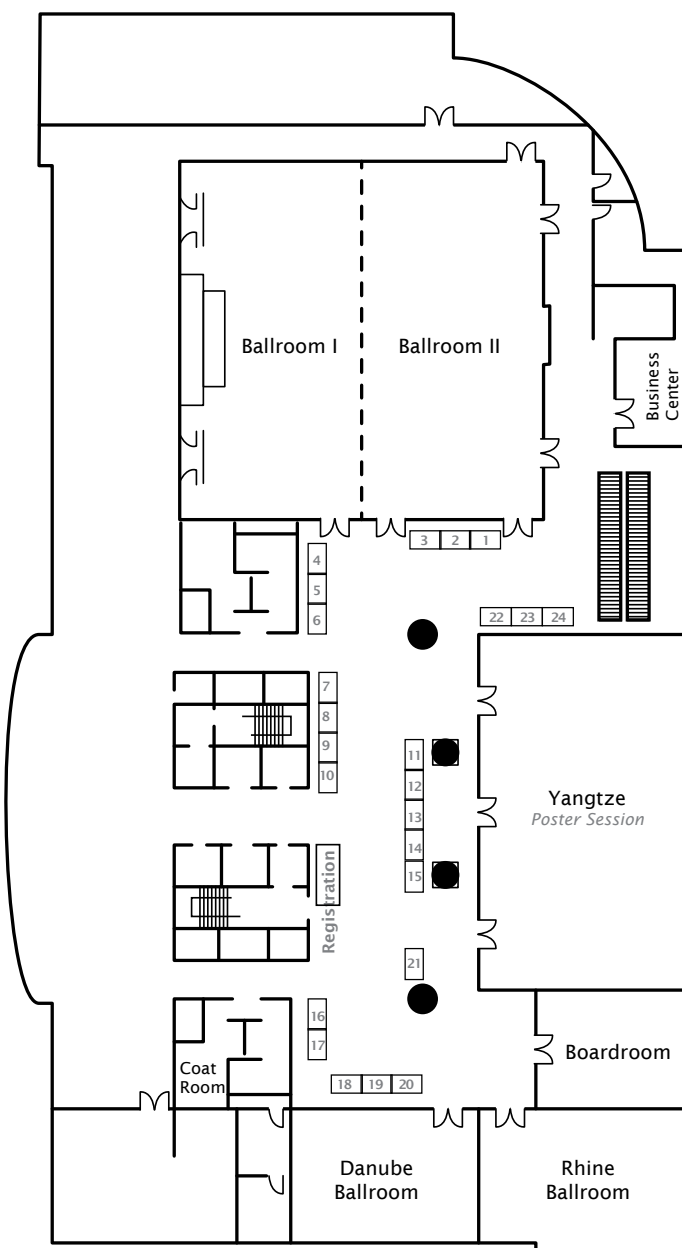
Management & Correspondence

Mike Lee

Milestone Development Services
Newtown, PA USA

FLOOR PLAN

The CPSA Shanghai symposia, roundtables, poster session, EXPO and workshops will be held on the 4th Floor Lobby Level in the Renaissance Shanghai Pudong Hotel. Note that the joint meeting on Saturday with local area discussion groups will be held at the Shanghai Institute for Materia Medica.



EXPO HOURS

The CPSA Shanghai 2012 Exposition will be open on the following schedule, but many company representatives will be on hand throughout the conference.

THURSDAY 11:00 AM - 2:00 PM
FRIDAY 11:00 AM - 2:00 PM

EXHIBITORS

Booth#	Company
20	AB SCIEX
2	Agela Technologies
4	Agilent Technologies
1	Antpedia
17	Apricot Designs
5	ASPEC Technologies
15	BD Biosciences
23	ES Industries
6	Covance
24	CPSA USA 2012
14	Frontage Laboratories
3	instrument.com.cn
21	Labcare Solution
8	LECO
22	Life Technologies
11	McKinley Scientific
7	MS Parts
9	New Objective
19	Orochem Technologies
12	QPS
16	Shimadzu
10	Thermo Scientific
18	VWR International
13	Waters Corporation

FOR EXHIBITORS

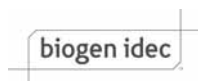
Move-in: Wednesday, 9:00 am - 11:00 am
Move-out: Thursday, 2:00 pm - 5:00 pm

SPONSORS

Thank You!

The CPSA Shanghai annual symposium is made possible by the broad-based support of industry sponsors. The passion for the analytical sciences and the accelerated discovery and development of pharmaceuticals is shared by each sponsor. As a result, the event is dedicated to promoting awareness and understanding of the issues and needs associated with pharmaceutical R&D in the hopes of inspiring significant advances in the field.

GOLD SPONSORS



Meeting Management



Media Sponsors



WORKSHOPS

Wednesday April 25

9:30 AM - 4:00 PM

Ballroom I

WORKSHOPS

The Role of DMPK in Exploratory Drug Development

Workshop Leaders: Lucy Xu, Novartis; Hua Li, Academy of Military Medical Sciences

► The Role of DMPK in Exploratory Drug Development

Francis Tse, Novartis

► DDI Overview

Tonika Bohnert, Biogen Idec

► Transporter-Mediated Drug-Drug Interactions

Cindy Xia, Millennium

► In Vitro and In Silico Predictions of Drug-Drug Interactions

Tonika Bohnert, Biogen Idec

► Roundtable Discussion

Lucy Xu, Novartis; Francis Tse, Novartis; Lawrence Gan, Biogen Idec; Angela Wong, Merck Serono; Jing Lin

Ballroom II

Regulated LC-MS Bioanalysis Workshop

Workshop Leaders: Wenkui Li, Novartis; Naidong Weng, Janssen

Instructors:

Wenkui Li, Novartis

Wenyong Jian, Janssen

Naidong Weng, Janssen

Fengying Chen, WuXi AppTec

Robert Coldreck, WuXi AppTec

12:00 PM - 1:30 PM

Ballroom I & II

Workshop Lunch

Sponsored by Agilent Technologies

► Agilent QTOF Workflow for Pharmaceutical Impurity Profiling

Presenter: Dr. Na Pi Parra, LC/MS Marketing, Agilent Technologies

Shanghai Institute
of Materia Medica

Pharmaceutical Sciences Workshop:

Analytical Science and Technology in Pharmaceuticals

This workshop will be held at The Shanghai Institute of Materia Medica, Chinese Academy of Sciences (CAS), Cheng Gu Hall, 555 Zu Chong Zhi Road, Zhang Jiang Hi-Tech Park, Pudong, Shanghai

Workshop Leaders: Dongying Chen, Shanghai Institute of Materia Medica;
Yong-Guo "Fred" Li, Roche

► Pharmaceutical Profiling: Meet Your Molecule!

Jeannine Petrig Schaffland, Roche

► Overview of Analytical Development in Pharmaceutical

Liu Fang, WuXiApptec

► Electrospray Ionization: Wrong-Way-Round or Right-Way-Round?

Shaolian Zhou, Novartis

PROGRAM AGENDA

Wednesday April 25

5:00 PM - 6:00 PM

Ballroom I & II

EXECUTIVE ROUNDTABLE

Emerging Drug R&D Models in China

Moderators: Todd Gillespie, Eli Lilly & Co. and Jing-Tao Wu, Millennium Pharmaceuticals

Discussion Panel:

<i>Tony Zhang</i>	<i>Vice President, Eli Lilly & Co.</i>
<i>Richard Connell</i>	<i>Vice President, Pfizer</i>
<i>Boliang Lou</i>	<i>Chief Executive Officer, Pharmaron</i>
<i>Mingxin Qian</i>	<i>President, Metabomics</i>
<i>Frank Lee</i>	<i>Vice President, Millennium Pharmaceuticals</i>

Drug research and development is a fast growing area in China. In this roundtable, invited executives from two multinational large pharmaceutical companies, a medium-sized biopharmaceutical company, a China-based start-up company, and a China-based contract research organization will lead a discussion on the strengths, opportunities, and challenges in conducting drug R&D in China which lead to different emerging drug R&D models

6:00 PM - 9:00 PM

Lobby & Ballrooms I & II

RECEPTION & SPONSOR'S DINNER

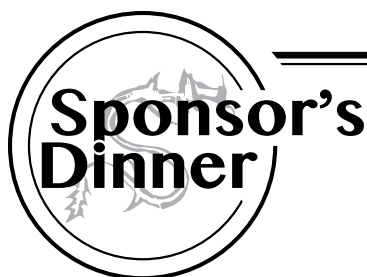
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Program

Tools for Discovery DMPK - Faster Answers
Timothy Stratton, Thermo Scientific

Research to Routine: Workflows for Large Molecule Quantitation Using Proteomic Tools and Q Exactive HRMS
Patrick Bennett, Thermo Scientific

WEDNESDAY, APRIL 25



SPONSOR'S RECEPTION & DINNER

WEDNESDAY 6:00 PM

Celebrate the opening of this year's CPSA Shanghai at the gala Sponsor's Reception and Dinner!

A CPSA Shanghai Tradition!

Generously hosted once again by Thermo Scientific.

Enjoy dinner and cocktails, while Timothy Stratton and Patrick Bennett guide you through the newest applications, workflows and and technology from Thermo Scientific

Welcome to CPSA Shanghai 2012!

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PROGRAM AGENDA

Thursday April 26

8:30 AM – 9:00 AM

Ballrooms I & II

OPENING REMARKS

Welcome

Mike Lee, Milestone Development Services

Objectives, Format, and Opening Remarks

Jenny Zheng, Janssen - Program Chair

9:00 AM - 9:45 AM

Ballrooms I & II

PLENARY LECTURE

Predicting Drug Disposition and Drug Dosing Parameters for New Molecular Entities

Leslie Benet, University of California at San Francisco

9:00 AM – 5:00 PM

Yangtze Ballroom

POSTER HALL OPEN

Posters will be available all day Thursday and Friday

10:15 AM – 11:45 AM

Ballrooms I & II

SYMPOSIA & ROUNDTABLES

Current Understanding of Regulatory Requirements of DDI

Chairs: Yan Li, Institute of Materia Medica, Chinese Academy of Medical Sciences & Peking Union Medical College; Yurong Lai, Pfizer

▶ **Application of Pharmacogenomic Knowledge in Clinical Pharmacokinetics**

Jin-Ding Huang, National Cheng Kung University

▶ **Drug Transporter DDI: ITC Workshop Report and New QSAR Analysis**

Toshihisa Ishikawa, RIKEN Yokohama Institute

▶ **A Comparison of Current Modeling & Simulation Software to Predict DDI using Irinotecan (CPT-11) as a Model Compound**

Stephen Wang, Millennium Pharmaceuticals

11:00 AM - 2:00 PM

Lobby

CPSA SHANGHAI EXPO - WHERE TECHNOLOGY AND SOLUTIONS MEET!

Chairs: Kelly Dong, GlaxoSmithKline and Xiaoyi Gong, Merck

11:30 AM - 12:30 PM

Yangtze Ballroom

POSTER SESSION / YOUNG SCIENTIST EXCELLENCE AWARD REVIEW

Chairs: Ziqiang "Zack" Cheng, GlaxoSmithKline; Xiaoyi Gong, Merck

Sponsored by McKinley Scientific and Waters Corporation



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PROGRAM AGENDA

Thursday April 26

12:00 PM - 1:00 PM

Ballroom I

LUNCH & LEARN WORKSHOPS

Workshop sponsored by McKinley Scientific

▶ Shared Experiences and Opportunities in Multi-Party Equipment Supply

Discussion Panel:

<i>Simon Bergeron</i>	<i>General Manager, MS Parts,</i>
<i>John Lee</i>	<i>Overseas Director, Seahog Logistics</i>
<i>Yong Chen</i>	<i>General Manager, Lab Care Solution</i>
<i>Martin Steel</i>	<i>Director Global Trading, McKinley Scientific</i>

Ballroom II

Workshop Sponsored by BD Biosciences

▶ Use of Cell-based Assays for in vitro Drug Metabolism and Drug Transport Applications

Na Li, Ph.D., Staff Scientist, BD Biosciences – Discovery Labware

Danube Ballroom

Workshop sponsored by Waters Corporation

▶ Bioanalysis of Therapeutic and Endogenous Peptides with Regulated System: Understanding and Overcoming the Challenges of Working with Large Molecules

Li Long, Senior Technical Consultant for DMPK, Waters Corporation

▶ Solutions For Analyzing & Well Characterized Drug Impurities

Tan Xiaojie, Senior Technical Consultant for Pharmaceutical Market, Waters Corporation



AN EVENING ON THE HUANGPU

THURSDAY 5:00 PM

Don't miss this evening filled with fun and information!

START WITH:

Distinguished Lecture Series Ballrooms I & II

Learn more about the 4500 TripleQuad and QTRAP systems from Gary Impey, as well as the power and flexibility of the TripleTOF 5600 from Matt Grigg.

FOLLOWED BY:

Dinner and tour of Shanghai from the waters of the Huangpu River

Relax with colleagues and enjoy the beautiful sights of downtown Shanghai.

An on-board quiz show could win you prizes and accolades (if you paid attention at the lectures!)

Transportation provided.

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More information is available at the CPSA Registration table.

Seating is limited! Boarding passes will be available following the Lecture Series.

THURSDAY, APRIL 26

PROGRAM AGENDA


Thursday April 26

1:15 PM - 3:00 PM

PARALLEL SESSIONS

Transporters <i>Ballroom I</i>	Bioanalysis I <i>Ballroom II</i>	Pharmaceutical Sciences <i>Rhine Ballroom</i>
<p><i>Chairs: Cindy Xia, Millennium Pharmaceuticals; Ziqiang "Zack" Cheng, GlaxoSmithKline</i></p> <ul style="list-style-type: none"> ▶ Quantitative Investigation of Drug Transport Across the Blood-Brain Barrier <i>Hiroyuki Kusuhara, University of Tokyo</i> ▶ Quantitative Investigation of the Impact of P-gp Inhibition on Drug Absorption and Disposition at the Drug Discovery Stage <i>Hiroshi Sugimoto, Takeda Pharmaceutical Company Limited, Japan</i> ▶ Roadmap of Drug Transporter Evaluation in Pharma <i>Yurong Lai, Pfizer</i> ▶ Application of Pgp/BCRP Double-Transduced MDCK Cell Assay for CNS Drug Discovery <i>Sijie Lu, GlaxoSmithKline</i> 	<p><i>Chairs: Naidong Weng, Janssen; Dafang Zhong, Shanghai Institute of Materia Medica</i></p> <ul style="list-style-type: none"> ▶ Critical Aspects in the Quantification of Radioactive Samples Using an LC-MS/MS Assay <i>XinPing Fang, Xenobiotics Laboratories</i> ▶ Accelerator Mass spectrometry for Studying Absolute Bioavailability in Humans—Challenges & Benefits <i>Xiaohui "Sophia" Xu, Bristol-Myers Squibb</i> ▶ Strategy of Biomarker Quantitation for Both Small and Large Molecules <i>Wenying Jian, Janssen</i> ▶ Strategy on Analysis and Quantitation of Intact Proteins Using HRMS <i>Qian Ruan, Bristol-Myers Squibb</i> 	<p>Pharmaceutical Profiling & Formulation Design <i>Chairs: Fred Li, Roche; Xiaoping Cao, Pfizer</i></p> <ul style="list-style-type: none"> ▶ Dissolution and Imaging as Powerful Tools in the Formulation Development Process <i>Thorsten Lobert, Roche</i> ▶ Materials Science: Integrated API and Drug Product Design <i>Xiaoping Cao, Pfizer</i> ▶ Design of Clinical Formulations for Drug Development Candidates Based on the Developability Profiles <i>Chao-Pin Lee, GlaxoSmithKline</i> ▶ Impurity Analysis by Differential UV Detection <i>Chris Zhao, Frontage Laboratories</i>

THURSDAY, APRIL 26

 <p style="text-align: center;"><i>Program Chair</i> Joanna Pols <i>Merck</i></p> <p style="text-align: center;"><i>Scheduled Workshops</i> New Technologies in Separation Sciences Dried Blood Spot Summit High-Performance Nanospray</p>	<p style="text-align: center;">15th Annual Symposium on Chemical & Pharmaceutical Structure Analysis</p> <p>Make plans now to attend CPSA 2012! This annual meeting began in 1998 and has evolved into the premier industry-led event dedicated to promoting awareness of issues and needs associated with research and development.</p> <p style="text-align: center;">Short Courses • Symposia • Roundtables • Poster Session • Vendor Session • Exhibition Workshops • Colloquium Series</p> <hr style="width: 50%; margin: auto;"/> <p style="text-align: center;">October 1 - 4, 2012 Sheraton Bucks County Hotel Langhorne, PA</p> <hr style="width: 50%; margin: auto;"/> <p style="text-align: center;"><i>Where Technology and Solutions Have Always Met</i></p>
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PROGRAM AGENDA

Thursday April 26

3:30 PM - 5:15 PM

PARALLEL SESSIONS

Biotransformation <i>Ballroom I</i>	Bioanalysis II <i>Ballroom II</i>	Analytical Methodology & Technology <i>Rhine Ballroom</i>
<p>DDI and Safety Implications of Drug Biotransformation and Disposition <i>Chairs: Ge Lin, The Chinese University of Hong Kong ; Mingshe Zhu, Bristol-Myers Squibb</i></p> <ul style="list-style-type: none"> ▶ Pharmacokinetic and Pharmacodynamic Drug-Drug Interactions and Drug Toxicity <i>Aiming Yu, University at Buffalo, State University of New York</i> ▶ Mechanism-based Biomarker for the Assessment of Biotransformation-induced Toxicity of Medicinal Herbs <i>Ge Lin, The Chinese University of Hong Kong</i> ▶ Absorption, Disposition, and Pharmacokinetics of Saponins from Chinese Medicinal Herbs and the Associated Potential Herb-drug Interactions <i>Chuan Li, Shanghai Institute of Materia Medica</i> 	<p><i>Chair: Daniel Tang, ICON</i></p> <ul style="list-style-type: none"> ▶ GBC update and Impact to Regulated BA in China <i>Daniel Tang, ICON</i> ▶ DBS from EBF? <i>Philip Timmerman, Janssen</i> ▶ Bioanalysis in Clinical Trials in China <i>Pei Hu, PUMC</i> ▶ Challenges and Opportunities of Conducting GLP BA in China <i>Chengwei Fang, Pharmaron</i> 	<p><i>Chairs: Kevin Bittorf, Vertex Pharmaceuticals; Xiaoyi Gong, Merck</i></p> <ul style="list-style-type: none"> ▶ Discovery of Active Components from Chinese Herbs Based on Integration of Sample Preparation and HPLC Analysis <i>Shao-ping Li, University of Macau</i> ▶ Analytical Technologies for Enabling Continuous Process Development <i>Todd Gillespie, Eli Lilly & Co.</i> ▶ Analytical Methods for Continuous Drug Product Processing <i>Kevin Bittorf, Vertex Pharmaceuticals</i> ▶ Process Analytical Technology (PAT): A Tool for Building Quality into Products <i>Danny Zhou, WuXi AppTec</i>

THURSDAY, APRIL 26

PROGRAM AGENDA

Thursday April 26

6:00 PM – 7:00 PM

Ballrooms I & II

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Setting a New Benchmark for Ruggedness & Performance**
Gary Impey, AB SCIEX

**AB Sciex TripleTOF 5600 System:
The Power of High Resolution for Selective Quantitation**
Matt Grigg, AB SCIEX

7:00 PM – 9:00 PM

Offsite

EVENING ON THE HUANGPU

Hosted by AB SCIEX

Enjoy dinner and a stunning tour of Shanghai from the waters of the Huangpu River on this special cruise hosted by AB SCIEX. Quiz show, prizes, and more...

Tickets will be available at the Distinguished Lecture Series
Seating is limited - so you must have a ticket to board

More information is available at the CPSA Shanghai desk

Friday April 27

8:30 AM – 9:15 AM

Ballrooms I & II

PLENARY LECTURE

**Targeted Covalent Inhibitors versus Chemically-Reactive Drug Metabolites:
Considerations for Rational Drug Design and Toxicological Risk Assessment**
Thomas Baillie, University of Washington

9:00 AM – 5:00 PM

Yangtze Ballroom

POSTER HALL OPEN

Posters will be available all day Thursday and Friday; Poster Session is today 11:00 am - 12:00 pm

9:30 AM – 11:00 AM

Ballrooms I & II

SYMPOSIA & ROUNDTABLES

Emerging Drug Discovery DMPKT Platform in China

Chair: Jeff Zhang, Novartis

- ▶ **The Evolving Face of Drug Metabolism Research and Service in China**
Mingshe Zhu, Bristol-Myers Squibb
- ▶ **Emerging Drug Discovery Models in China: DMPKT Challenges**
Jeff Zhang, Novartis
- ▶ **Difference of SFDA GLP Compliance vs. U.S. FDA GLP: Medicilon Experience**
Chunlin Chen, Medicilon

PROGRAM AGENDA

Friday April 27

11:00 AM - 12:00 PM

Yangtze Ballroom

POSTER SESSION / YOUNG SCIENTIST EXCELLENCE AWARD REVIEW

Chairs: Ziqiang "Zack" Cheng, GlaxoSmithKline; Xiaoyi Gong, Merck

Sponsored by McKinley Scientific and Waters Corporation

11:00 AM - 2:00 PM

Lobby

CPSA SHANGHAI EXPO - WHERE TECHNOLOGY AND SOLUTIONS MEET!

Chairs: Kelly Dong, GlaxoSmithKline and Xiaoyi Gong, Merck

12:00 PM - 1:00 PM

Ballroom I

LUNCH & LEARN WORKSHOPS

Workshop sponsored by Shimadzu

- ▶ **To Perfinity and Beyond!**
Automated and Accelerated Workflows for Routine Bioanalysis
Robert Buco III, Shimadzu Scientific Corporation

Ballroom II

Workshop Sponsored by Agilent Technologies

- ▶ **Qual/Quan Analysis with Agilent 6550 iFunnel Q-TOF LC/MS**
Keith Waddell, Director of LC/MS Application Marketing, Agilent Technology, USA

Danube Ballroom

Workshop sponsored by VWR International

- ▶ **In Vitro Assessment of the Drug-Drug Interaction Potential of Biologic Drugs**
Maciej Czerwinski, Xenotech LLC

The Boardroom

Workshop sponsored by New Objective

- ▶ **Enabling the Bioanalytical Laboratory for Ultra-High Sensitivity with Nanospray: Workflow, Quantitation, and Throughput**

Workshop Leaders:
Nathan Yates, University of Pittsburgh
Gary Valaskovic, New Objective

PROGRAM AGENDA

Friday April 27

1:30 PM - 3:00 PM

PARALLEL SESSIONS

Biomarkers <i>Ballroom I</i>	Biologics <i>Ballroom II</i>	Metabolites <i>Rhine Ballroom</i>
<p>Biomarker Applications from Bench to Bedside: Case Studies in Biomarker Translation <i>Chairs: Scott Fountain, Pfizer; Nathan Yates, University of Pittsburgh</i></p> <ul style="list-style-type: none"> ▶ Biomarker Applications – From Bench to Bedside <i>Scott Fountain, Pfizer</i> ▶ Experimental Designs for Discovery Proteomics <i>Nathan Yates, The University of Pittsburgh</i> ▶ Verification of Biomarkers with Targeted Proteomics <i>Weixun Wang, Merck</i> ▶ Development and Application of Diagnostic Tools through Research, Development, Application—A Case Study <i>General Discussion</i> 	<p>Challenges of Biologics Drug Development <i>Chairs: Binodh Desilva, Bristol-Myers Squibb; Haojing Rong, Pfizer</i></p> <ul style="list-style-type: none"> ▶ Ligand Binding Bioanalytical Approaches to Quantify “Total” and “Free” Therapeutic Antibodies and Their Targets <i>Binodh Desilva, Bristol-Myers Squibb</i> ▶ Immunogenicity: Concerns, Detection and Perspectives <i>Haifeng Song, AMMS</i> ▶ Using Cerebrospinal Fluid (CSF) as Surrogate for Assessing Drug Transport into CNS <i>Qin Wang, Biogen Idec</i> 	<p>Metabolite Data in Regulatory Submission <i>Chairs: Andy Ayrton, Scinovo/ GlaxoSmithKline; Zheming Gu, Xenobiotics Laboratories; Ron Kong, PTC Therapeutics</i></p> <ul style="list-style-type: none"> ▶ Practical Considerations of Metabolite Measurement in MIST <i>Naidong Weng, Janssen</i> ▶ Drug Metabolite Profiling and Identification in Animals and Humans in Support of Regulatory Submission to SFDA <i>Dafang Zhong, Shanghai Institute of Materia Medica</i> ▶ Meeting the Regulatory Requirements of MIST: Human Metabolism Data Early in Phase-1 Using Accelerator Mass Spectrometry Combined with a Tiered Bioanalytical Approach in Metabolite Quantification <i>Martin Jørgensen, Lundbeck A/S</i>

FRIDAY, APRIL 27

PROGRAM AGENDA

Friday April 27

3:30 PM - 5:00 PM

PARALLEL SESSIONS

Translational Sciences	Technology & Strategy
<i>Ballroom I</i>	<i>Ballroom II</i>
<p>Research Applications of Translational Sciences in the 21st Century <i>Chairs: Chris Lepsy, Pfizer; Wei Lu, Peking University, China</i></p> <ul style="list-style-type: none"> ▶ PK/PD in Drug Discovery for Target Validation and Biomarker Identification <i>Chris Lepsy, Pfizer</i> ▶ PKPD Modeling Application in Preclinical: Case Study <i>Wei Lu, Peking University, China</i> ▶ Modeling and Simulation in the Individualized Therapy of Antiepileptic Drugs <i>Zheng Jiao, Huashan Hospital, China</i> ▶ Apply Modeling and Simulation to Aid Drug Discovery and Development <i>Wen Chyi Shyi, Millennium Pharmaceuticals</i> 	<p>Technology, Solutions and Decisions-Making <i>Chair: Todd Gillespie, Eli Lilly & Co.; Naidong Weng, Janssen</i></p> <ul style="list-style-type: none"> ▶ Candidate Selection and Preclinical Development Strategies to Reduce Development Risks <i>John Mao, QPS LLC</i> ▶ Analytical Strategy for Filing a Biologics/Biosimilar IND in China <i>Weidong Jiang, Henlius Biopharmaceuticals</i> ▶ A New Automated Dried Blood Spot LC/MS System <i>Lester Taylor, Agilent Technologies</i>

innovator Award *Chairs: Xiaoyi Gong, Merck; Kelly Dong, GlaxoSmithKline; Frances Wang, AstraZeneca*

Rhine Ballroom

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| <ul style="list-style-type: none"> ▶ An Automated On-Line Card Extraction LC/MS System for the Determination of Clozapine and its Metabolites in Rat Blood
<i>Lester Taylor, Na Pi Parra, Doug McIntyre, and Yuqin Dai
Agilent Technologies, Inc., Santa Clara, CA, USA</i> ▶ PicoChip: A Robust, Easy-to-use Solution for Nanospray Enabled LC-MS
<i>Gary Valaskovic, Carla Marshall-Waggett, Ben Ngo
New Objective, Inc., Woburn, MA USA</i> ▶ Simultaneous, Fast Analysis of Melamine and Analogues in Pharmaceutical Components Using Q Exactive Benchtop Orbitrap LC-MS/MS
<i>Tim Stratton, Kate Comstock, Hongxia "Jessica" Wang,
Yingying Huang
Thermo Fisher Scientific, San Jose, CA USA</i> ▶ A Collaborative LC/MS/MS Solution for Urine Testing for Detection and Quantification of Drugs-of-Abuse and Pain Management
<i>Martin Steel
McKinley Scientific, LLC, Sparta, NJ USA</i> | <ul style="list-style-type: none"> ▶ A Unique LC/MS/MS Method by Combining MRM and Q3 Ion Modes for Simultaneous Determination of Deuterium-containing Drug and Metabolites
<i>Tianyi Zhang
Frontage Laboratories, Shanghai</i> ▶ Metabolic Stability Screening Workflow using a High Resolution Accurate Mass Benchtop Instrument and Novel Data Mining Software
<i>Tim Stratton, Kate Comstock, Hai-Ling Sun, Daniel Soohoo,
Kelly (Wei) Wang
Gilead Sciences, Foster City, CA; Thermo Fisher Scientific,
San Jose, CA</i> ▶ A Dedicated, Ultra-low Flow Pump for Flow Injection Nanospray Useful for the Relative Quantification of Analytes
<i>Gary A. Valaskovic, Ben Ngo
New Objective, Inc., Woburn, MA USA</i> |
|---|--|

FRIDAY, APRIL 27

PROGRAM AGENDA

Friday April 27

6:00 PM – 7:30 PM

Ballrooms I & II

CPSA SHANGHAI CLOSING GALA

Dinner, Awards and Celebration

Young Scientist Excellence Award

Chairs: Ziqiang "Zack" Cheng, GlaxoSmithKline; Xiaoyi Gong, Merck

Sponsored by McKinley Scientific and Waters Corporation

Innovator Award

Chairs: Xiaoyi Gong, Merck; Kelly Dong, GlaxoSmithKline; Frances Wang, AstraZeneca; Mingshe Zhu, Bristol-Myers Squibb

Closing Celebration & Festivities

Saturday April 28

9:00 AM – 11:15 AM

JOINT SESSION WITH LOCAL BIOANALYTICAL & METABOLISM DISCUSSION GROUPS

Held at The Shanghai Institute of Materia Medica

9:00 AM - 9:45 AM

▶ **Drug Transporters**

Cindy Xia, Millennium Pharmaceuticals

9:45 AM - 10:30 AM

▶ **DMPK in Drug Discovery**

Wei Tang, ChemPartner

10:30 AM - 11:15 AM

▶ **Clinical Drug-Drug Interactions**

Hongjian Zhang, PharmaResources

Directions to The Shanghai Institute for Materia Medica

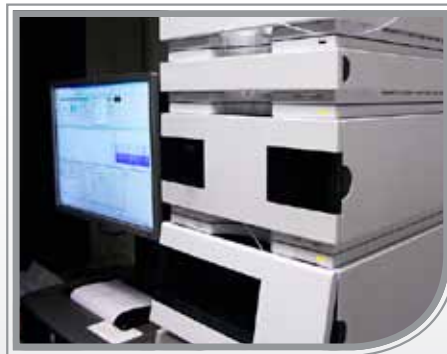
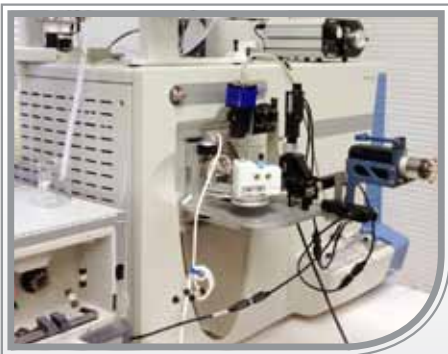
From the Renaissance Shanghai Pudong Hotel, take a taxi to The Shanghai Institute of Materia Medica (中国科学院上海药物研究所) located at 555 Zu Chong Zhi Road, Zhang Jiang Hi-Tech Park, Pudong, Shanghai (上海市浦东张江祖冲之路555号). The cost of the taxi is around RMB 18 (\$3.00).

To take public transportation, walk to Shanghai Science and Technology Museum and take Subway Line #2 towards the airport. Get off at Zhang Jiang Hi-Tech Park (third stop). The Shanghai Institute of Materia Medica is directly across the street from the subway station.



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瑞士日内瓦大学质谱中心评价

AB SCIEX公司恒久创新的理念推出世界上第一台具有高分辨和高质量准度的LC/MS/MS系统，该系统能提供串联四极杆式定量的稳定性，速度和灵敏度，一流的定性、定量分析同时在一个平台实现，这就是AB SCIEX TripleTOF™ 5600系统。它具有高性能串联四极杆质谱的高灵敏定量功能，同时兼顾高、低质量端超过40000 FWHM的分辨率，扫描速度可达每秒100张质谱图及~1ppm质量准确度，所有这些优点同时体现而不相互影响。这便是超越与突破！



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