

Purdue University
Department of Chemistry

**2006 Discovery
Partners Program**

October 12 and 13

Chemistry in Healthcare



DISCOVERY PARTNERS

Chemistry in Healthcare

Discovery Park
Burton D. Morgan Center for Entrepreneurship
MRGN 121

Thursday, October 12

8:30 a.m. Registration (Coffee/Bagels)

8:50 Welcome

ANALYTICAL

9:00 "New Tools and Methods for Characterizing Peptide and Protein Structures via Tandem Mass Spectrometry," **Scott McLuckey**

9:30 "Instrumentation Innovation in Mass Spectrometry," **Zheng Ouyang**

10:00 Coffee Break

DRUG DISCOVERY / DELIVERY

10:30 "High-throughput Biosensor Technology for Cancer Drug Discovery," **Christine Hrycyna**

11:00 "Cephalostatin, Nature's Gift to Medicine," **Hui Cao**

11:30 "Parallel Strategies for Inhibition: Targeting the Multidrug Resistance Protein P-gp and Anthrax Toxins," **Jean Chmielewski**

12:00 p.m. Lunch – Roundtable Discussion "Chemistry in Healthcare"

1:15 Keynote Speaker "The Analytical Chemist Contributions to Drug Development," **John Landis** (Schering-Plough)

2:00 "Targeted Therapies for Cancer and Inflammatory Diseases," **Phil Low**

2:30 Coffee Break

3:00 "Plasmon-resonant Nanorods: Multifunctional Agents for Biomedical Imaging and Therapies," **Alex Wei**

4:00 Tour of Discovery Park

Stewart Center
STEW 320

Friday, October 13

ALUMNI

8:30 "Folate-targeted Chemotherapeutics; From Discovery to Clinic," **Chris Leamon** (Endocyte, Inc.)

9:00 "TBA," **Reena Zutshi** (ImaRx Therapeutics, Inc.)

9:30 "Building a Business in Contract Pharmaceutical Research - 40 Triple Quads and Counting," **Ronald Shoup** (Bioanalytical Systems, Inc.)

10:00 Coffee Break

ANALYTICAL

10:30 "Surface Properties of Retinal Tissues," **Albena Ivanisevic**

11:00 "Metabolite Profiling for Early Disease Detection," **Dan Raftery**

11:30 Lunch – Anniversary Drawing Room (PMU)

DRUG DISCOVERY / DELIVERY

1:00 p.m. "Harnessing the Power of Organic Synthesis to Meet the Challenges in Today's Medicine," **Arun Ghosh**

1:30 "Development of Transiently-Stable Drug & Gene Delivery Systems: An Exercise in Interfacial Reaction Engineering," **David Thompson**

2:00 "Chemical Genetic Dissection of Signaling Cascades," **Kavita Shah**

2:30 Student Short Talk Competition

For More Information Contact:

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http://www.chem.purdue.edu/external_relations/DiscoveryPartners.asp

LODGING

Purdue Memorial Union Club Hotel
101 N. Grant Street (corner of State and Grant)
West Lafayette, IN 47906

Reservations: 800-320-6291 or 765-494-8913

To make your reservation, please contact the Union Club Hotel directly and reference the Discovery Partners Meeting.

A listing of local accommodations is available at:
<http://www.lafayette-in.com/lodging4.html>

**2006 Discovery Partners Meeting
October 12 and 13**

Registration Form

Due: October 2

Name _____
Company _____
Address _____
Phone _____
Fax _____
E-mail _____

I require auxiliary aids or services due to a disability. Please contact me at the above address.

MEALS (Registration required; please reserve):

Thursday, October 12: Lunch

Friday, October 13: Lunch

Return this form to:
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