

Central Regional Meeting of American Chemical Society CERM 2008 Programming Information

Saturday, June 14, 2008, 8:30 AM - 5:30 PM
Symposium in Honor of Prof. Ming-Daw Tsai

Harrison (Hyatt Regency Columbus)

Organizer: Robert J. Hondal, University of Vermont, College of
Medicine

8:30 Welcoming Remarks.

8:35 532 A Glance at Professor Ming-Daw Tsai's Distinguished Career at
OSU. **Dehua Pei**, The Ohio State University

9:05 533 AMPK Functionally Phosphorylates eNOS Ser-633/635. **John Y.-
J. Shyy**, University of California

9:25 534 Leveraging Natural and Bio-Derived Feedstocks for Laundry
Applications. **Dongyan Qin**, Jeff Scheibel, Nasser Fredj and Elizabeth
Picos, The Procter & Gamble Company

9:45 535 Ultrafast Enzyme Dynamics: DNA Photolyase. **Dongping Zhong**,
The Ohio State University

10:05 536 The Interface of NMR, Membranes, Protein Folding, and
Enzymology: Results from a Career Inspired by Ming-Daw Tsai.
Charles R. Sanders, Vanderbilt University

10:25 Break.

10:45 537 Phosphorothioates as Probes of Phosphoryl Transfer
Mechanisms: The
Past and Present. **KarolS Bruzik**, University of Illinois at Chicago

11:05 538 Structure, Dynamics, and Catalytic Mechanism of Folate
Biosynthetic Enzymes. **Honggao Yan**₁, Yue Li₁ and Xinhua Ji₂,
(1)Michigan State University, (2)National Cancer Institute at Frederick

11:25 539 Quantitative Structure Activity Relationships and
Stereochemistry for Inhibitions of Serine Hydrolases and
Phospholipase A2 by Carbamates. **Gialih Lin**, National Chung-Hsing
University

11:45 540 Negative Cooperativity in Transition State Binding Enhances Rate of Product Release in Phosphagen Kinases. **Mark J. Snider**, The College of Wooster

12:05 541 Role of Transcription Factors in Cisplatin Mediated Apoptosis and Transport. **Rathindra N. Bose**, Northern Illinois University and Leila Maurmann, Kansas State University

12:25 Lunch Break.

1:30 542 Quantitative Exploration of the Catalytic Landscape Separating Divergent Plant Sesquiterpene Synthases. **Joseph Noel** and Paul E. O'maille, The Salk Institute/Howard Hughes Medical Institute

1:50 543 From Lipids to DNA and Back: Adventures in Phosphate Biochemistry. **Cynthia Dupureur**, Univ. Missouri St. Louis

2:10 544 Insight into the Differential Interaction of iASPP/p53 and ASPP2/p53. **Jinwoo Ahn**, Byeon In-Ja L., Byeon Chang-Hyeock and Gronenborn Angela M., University of Pittsburgh

2:30 545 Structural Basis for the Regulation of ASPP-Mediated Apoptosis of p53. **In-Ja L. Byeon**, Jinwoo Ahn, Chang-Hyeock Byeon and Angela M. Gronenborn, University of Pittsburgh

2:50 Afternoon Break.

3:10 546 Research Involving Vitamin B-6. **Karen L. Ericson**, Indiana University-Purdue University Fort Wayne

3:30 547 Mismatched dNTP Incorporation by DNA Polymerase β Does Not Proceed Via Globally Different Conformational Pathways. **Kuo-Hsiang Tang**, The Ohio State University

3:50 548 Formulating Microbial Agents for Pest Control Applications. **Christopher A. Dunlap**, National Center for Agricultural Utilization Research

4:10 549 From Sulfur Substrates to Selenium in Enzymes. **Robert J. Hondal**, University of Vermont, College of Medicine

4:30 550 From the End to the Beginning. **Ming-Daw Tsai**, Ohio State University, Columbus and Academia Sinica, Taiwan

