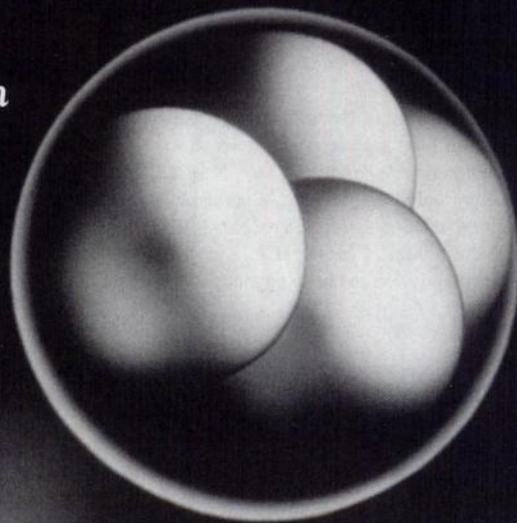


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## Sessions Include:

### Keynote Lecture

Anthony Y. H. Lu (Merck; Rahway, NJ)

### Pharmacogenetics and Cancer Chemotherapy

Discussion Leader: *William E. Evans* (St. Jude's; Memphis, TN); Speakers: *David Waxman* (Boston U.; Boston, MA) "P450 activation of oxazaphosphorine anticancer drugs: development of a combined chemotherapy/gene therapy strategy." *Frank Gonzalez* (NCI; Bethesda, MD) "Genetic polymorphism of dihydropyrimidine dehydrogenase and 5-fluorouracil therapy: molecular mechanisms and clinical consequences." *William Evans* (St. Jude's; Memphis, TN) "Genetic polymorphism of thiopurine S-methyltransferase and thiopurine therapy: molecular mechanisms and clinical consequences."

### Pharmacogenetics of the Glutathione S-transferases

Discussion Leader: *Peter van Bladeren* (TNO/CIVO; The Netherlands); Speakers: *Brian Ketterer* (Univ. Coll.; London, England) "Class  $\theta$  glutathione S-transferases: mechanisms and relevance to variations in human risk." *David Eaton* (U. Wash.; Seattle, WA) "Class  $\alpha$  glutathione S-transferases: mechanisms and relevance to variations in human cancer risk."

### Drug Metabolism in the Brain

Discussion Leader: *Henry Strobel* (UT Med. School; Houston, TX); Speakers: *Jean-Francois Gherzi-Egea* (Institut Pasteur; Lille, France) "Roles of blood-brain barriers in cerebral drug metabolism." *Hidenori Kawashima* (UT Med. School; Houston, TX) "Brain cytochromes P-450 and mental diseases." *Arthur Cooper* (Cornell Univ.; NY) "Cysteine conjugate  $\beta$ -lyases."

### Drug Metabolism as a Determinant of Drug Toxicity

Discussion Leader: *David Jollow* (Med. Univ. S. Carolina; Charleston, SC); Speakers: *Arthur K. Cho* (UCLA; Los Angeles, CA) "The demethylation of methylenedioxymphetamines by cytochromes P450." *Neal Castagnoli* (VPI and State U.; Blacksburg, VA) "Biotransformation of cyclic tertiary amines to neurotoxic metabolites."

### Phase III Metabolism: The Export of Drugs and Metabolites

Discussion Leader: *Terrence J. Monks* (U. Texas; Austin, TX); Speakers: *Piet Borst* (Nederlands Kanker Inst. Amsterdam; The Netherlands) "The GS-X pump." *Jeff Silverman* (NCI; Bethesda, MD) "Xenobiotic regulation of the rat multi-drug resistance 1b gene." *Mary Vore* (U. Kentucky; Lexington, KY) "Does canalicular P-glycoprotein mediate estrogen glucuronide cholestasis?"

### Drug Metabolism Data Blitz

Discussion Leader: *Serrine S. Lau* (U. Texas; Austin, TX); Selected presentations from conferees.

### Drug Metabolism in Drug Discovery and Drug Development

Discussion Leader: *Brian Smith* (SmithKline Beecham; King of Prussia, PA); Speakers: *Brian Smith* (SmithKline Beecham; King of Prussia, PA) "Strategies to facilitate the discovery to development transition." *Andrew Ayrton* (SmithKline Beecham; King of Prussia, PA) "In vitro biotransformation in the drug discovery process." *Martin Dyroff* (Zeneca; Wilmington, DE) "The role of drug metabolism and pharmacokinetics during drug hunting and optimization."

### Technological Advances in Drug Metabolism

Discussion Leader: *Ronald E. White* (Bristol Myers-Squibb; Princeton, NJ); Speakers: *Jeremy K. Nicholson* (Univ. London; England) "HPLC-NMR studies on drug metabolism, and drug metabolite reactivity." *Daniel E. Mumick* (Rutgers Univ.; Newark, NJ) "Laser-assisted isotope ratio analysis of C, N, and O."

For further information please contact Dr. Terrence J. Monks, Univ. Texas @ Austin.  
FAX (512) 471-5002 • Email, scouser@mail.utexas.edu