AAPS-NERDG

American Association of Pharmaceutical Scientists
North East Regional Discussion Group

April 24, 2009
Marriott Hotel
Rocky Hill, CT

12th Annual Meeting

12th Annual AAPS - Northeast Regional Discussion Group (NERDG)
April 24, 2009
Marriott Hotel, Rocky Hill, Connecticut

"Biopharmaceutics of Oral Absorption"

8:00 am – 9:00 am	General Session Poster and ARA Session Poster Setup Registration Continental Breakfast	Nutmeg Ballroom Grand Ballroom Foyer Nutmeg Ballroom
9:00 am – 4:00 pm	General Poster Session Vendor Displays	Nutmeg Ballroom Grand Ballroom Foyer
9:00 am – 9:10 am	Opening Remarks	Grand Ballroom
9:10 am – 10:10 am	**Characterizing transporter-mediated drug-drug interaction potential for sparingly soluble drugs** Presented by Philip S. Burton, Ph.D Co-Founder, CEO, and CSO ADMETRx	Grand Ballroom
10:10 am – 10:20 am	Break	Nutmeg Ballroom
10:20 am – 11:20 am	**Overview of historical and futuristic thoughts as well as current research on molecular and in vivo aspects of oral drug absorption** Presented by Gordan Amidon, Ph.D. Professor of Pharmacy and Professor of Pharmaceutical Sciences College of Pharmacy, University of Michigan	Grand Ballroom
11:20 am - 12:30 pm	Lunch	Hartford Room
12:10 pm – 1:30 pm	**STP#1: Making Choices in Discovery and Development** PRESENTERS: see next page	Grand Ballroom
1:30 pm – 2:50 pm	**STP #2: Formulation Technology**	Grand Ballroom
1:30 pm – 2:30 pm	**STP #3: Control and Evaluation of Exposure**	Hartford Room
1:30 pm – 2:50 pm	**STP #4: The importance of Biopharmaceutics**	Connecticut Suite
2:50 pm – 3:00 pm	Break	Nutmeg Ballroom
3:00 pm – 4:00 pm	**Food Effect, FDA's view, regulation and recommendation with case studies** Presented by Barbara Davit, Ph.D., J.D. Acting Director, Division of Bioequivalence Office of Generic Drugs, CDER, US-FDA	Grand Ballroom
4:00 pm - 4:20 pm	NERDG Management Summary, NERDG-ARA Presentation, and Closing Remarks	Grand Ballroom

NERDG Short Topic Presentations (STP):

Session	Time Slot	Title	Presentor	Affiliation
STP #1: ***Making Choices in Discovery and Development*** (12:10-1:30)	12:10 - 12:30	High Throughput Technologies for Physical Form Selection and Bioavailability Enhancement	Akash Jain	Novartis
	12:30 - 12:50	Development of a Medium Throughput Oxidative Stability Assay for the Evaluation of Potential Drug Candidates	Michelle Nophsker	BMS
	12:50 - 1:10	Preparation and Characterization of Oxcarbazepine/Polymer Dispersions	Ymin Sun	Penwest
	1:10 - 1:30	The Influence of Aqueous Content in Small Scale Salt Screening: Improving Hit Rate for Poorly Soluble Drugs	Peter Tarsa	Novartis
STP #2: ***Formulation Technologies*** (1:30-2:50)	1:30 - 1:50	Intravenous Administration of Nanoparticles to Assess Cardiovascular Properties	Dawn Parker	BMS
	1:50 - 2:10	Tablet Punch Sticking: The Effects of Excipients and Particle Sizes	Darryl Simmons	Pfizer
	2:10 - 2:30	E-tongue vs. Human-tongue: Evaluation of Taste for Powder-in-Bottle Approach for Clinical Studies	Vishal Saxena	Novartis
	2:30 - 2:50	The Importance of the Extent of Lubrication on Solid Doage Forms and Its Impact on Intrinsic Tablet Mechanical Properties	C. (Kim) Tye	Pfizer
STP #3: ***Control & Evaluation of Exposure*** (1:30-2:30)	1:30 - 1:50	Dissolution Improvement by Co-grinding With Common Excipients	Lipa Shah	Novartis
	1:50 - 2:10	The Mechanistic Conundrum Underlying Multiple Peaking Phenomena in Pharmacokinetic Disposition	Jaime Yáñez	Schering-Plough
	2:10 - 2:30	Simulated Studies of Immediate Release, Extended Release and Delayed Release Solid Dosage Forms for Food and Beverage	Monica Chuong	Mass College of Pharmacy
STP #4: ***The Importance of Biopharmaceutics*** (1:10-2:50)	1:30 - 1:50	Selection of Lead Candidates for Development: Science Driven or Pipeline Driven?	Sudhakar Garad	Novartis
	1:50 - 2:10	Solubility and Permeability: The Importance of Human Clinical Data to Confirm Biopharmaceutical Problems and Validate Soluti	John McDermott	Pharmaceutical Profiles
	2:10 - 2:30	Predicting Relative Drug Bioavailabilities in Canines Using an Artificial Gastro-Intestinal Modeling System	John Morrison	BMS
	2:30 - 2:50	In Vitro Prediction of Food Effect for a Poorly Water Soluble Compound	Weijia Zheng	Novartis