

**THE NEW ENGLAND  
DRUG METABOLISM DISCUSSION GROUP**

**SUMMER SYMPOSIUM**

***Humanized in vivo models and in vivo-like in vitro models for DMPK/Tox***

**Wednesday, June 13, 2012**

University of Massachusetts Medical School  
Worcester Foundation Campus  
Hoagland-Pincus Conference Center  
222 Maple Avenue  
Shrewsbury, Massachusetts  
(508) 856-5813

***Schedule***

7:30 a.m. – 8:45 a.m.	Continental Breakfast, Registration And Poster Set-up
8:50 a.m. – 9:00 a.m.	Opening Remarks
9:00 a.m. – 12:15 p.m.	Morning Session: Theme: In Vitro Models
12:15 p.m. – 2:30 p.m.	Lunch and Poster Session
2:30 p.m. – 4:30 p.m.	Afternoon Session: Theme: In Vivo Models
4:30 p.m. – 5:00 p.m.	Afternoon Tea and Refreshments

# THE NEW ENGLAND DRUG METABOLISM DISCUSSION GROUP

## SUMMER SYMPOSIUM

***Humanized in vivo models and in vivo-like in vitro models for DMPK/Tox***

**Wednesday, June 13, 2012**

University of Massachusetts Medical School  
Worcester Foundation Campus  
Hoagland-Pincus Conference Center  
222 Maple Avenue  
Shrewsbury, Massachusetts, (508) 856-5813

## *Agenda*

### ***Breakfast***

7:30 a.m. - 8:45 a.m. Continental Breakfast, Registration and Poster Set-up

### ***Opening Remarks***

8:50 a.m. - 9:00 a.m. **Charles L. Crespi, Ph.D.**  
BD Biosciences

### ***Morning Session-In Vitro Models***

**Sponsored by: Mispro Biotech Services, Inc.**

**Session Chair: Steve Tannenbaum, Ph.D.**  
MIT

9:00 a.m. - 10:00 a.m. **Nandita Shangari, Ph.D.**  
Senior Investigator II  
Novartis Institutes of Biomedical Research

*Presents:*  
*“Evolving Trends in Complex Culture Systems and their Utility in Drug Development”*

10:00 a.m. – 11:00 a.m. **Ed Lecluyse, Ph.D.**  
Senior Research Investigator  
The Hamner Institutes for Health Sciences

*Presents:*  
*“Organotypic Hepatic Cell Culture Systems for In Vitro Research: Applying Current Wisdom to Toxicity Testing”*

11:00a.m. - 11:15 a.m.      **Break**

11:15 a.m. - 12:15 p.m.      **Bevin Engelward, Sc.D.**

Associate Professor of Biological Engineering  
Center for Environmental Health Sciences  
Massachusetts Institute of Technology

*Presents:*  
“New Technologies for DNA Damage Detection: Fluorescence in CometChip  
and Recombomice”

## ***Lunch and Poster Session***

12:15 p.m. - 2:30 p.m.      **Lunch and Poster Session**

## ***Afternoon Session-In Vivo Models***

**Sponsored by:**      **Waters Corporation**

**Session Chair:**      **Chandra Prakash, Ph.D.**  
Biogen Idec

2:30 p.m. - 3:30 p.m.      **John Bial**  
Chief Executive Officer  
Yecuris Corporation

*Presents:*  
“Humanized Animal Models for Next Generation Translational Research”

3:30 p.m. - 4:30 p.m.      **Tonika Bohnert , Ph.D.**  
Associate Director, Preclinical PK & In Vitro ADME  
Biogen Iden Inc

*Presents:*  
“Evaluation of Chimeric Mice with Humanized Liver to Predict Human Intrinsic  
Clearance of Drug Molecuules at Preclinical Phase”

4:30 p.m. – 5:00 p.m.      **Afternoon Tea and Refreshments**

*Sponsors – 2012 NEDMDG Summer Symposium*



*Exhibitors – 2012 NEDMDG Summer Symposium*





TriangleResearch  
LABORATORIES

