Developing Robust Experimental Assay Methods (aDREAM) 2013 Conference Agenda

Registration Site:
http://www.promega.com/resources/events/usa/2013-events/adream/

Pre-Conference Activities - Thursday, October 17, 2013

3:30 – 4:30 PM
Tour of Promega cGMP Manufacturing Facility, Feynman Center
Tour Host: Dr. Terry Riss
The new Promega cGMP manufacturing facility, Feynman Center, is dedicated to serving customers who need molecular biology reagents for in vitro diagnostic (IVD) assays. This includes components such as sample preparation systems and reagents, which can be used in molecular diagnostic tests provided by other IVD medical device manufacturers.

5:00 - 6:00 PM
Tour of Wisconsin Institute for Discovery followed by Editors’ Dinner
Tour Host: Dr. Michael Hoffmann
Editors’ Dinner Sponsored By University of Wisconsin Carbone Cancer Center
Dinner (for Editors & Speakers Only) will be on-site at Wisconsin Institute for Discovery

The Wisconsin Institutes for Discovery (WID) is a public-private partnership that conducts research, engages with the community and celebrates science. With the financial support of the state of Wisconsin, John and Tashia Morgridge and the Wisconsin Alumni Research Foundation, the building opened its doors in December 2010. The award-winning building houses the public WID and the private Morgridge Institute for Research in a single, four-story facility on the University of Wisconsin–Madison campus. The building serves as a hub for interdisciplinary research – spanning biotechnology, nanotechnology and information technologies – that will lead to the development of new biomedical treatments and technological applications aimed at improving human health and welfare. It contains approximately 106,000 assignable square feet of research space, including wet and dry laboratories, research support areas, core facilities and offices. As a gateway to campus for the public, the building also is home to teaching labs, designed as "dream" collaborative learning environments. The labs host a wide range of education programs for K-12 and college students, science teachers and the public. The WID includes the BIONAnocomposite Tissue Engineering Scaffolds (BIONATES) program, the Center for Complexity and Collective Computation, Games, Learning & Society, the Living Environments Laboratory, Optimization and Systems Biology. The Morgridge Institute for Research focuses on Regenerative Biology, Virology, Medical Devices, Computational Technology and Bioethics.
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“Assay Reproducibility, Replicability & Robustness”

The purpose of the aDREAM conference is to establish a forum where expert pharmaceutical scientists can exchange ideas, critical lessons learned, and organize knowledge and protocols into a guide for discovery assays employed in the early phases of the drug discovery process. The DREAM conference is the annual conference for the Assay Guidance Manual (AGM), where new content and future directions for the AGM are discussed.

Conference Proceedings - Friday, October 18, 2012

7:00 – 8:00 AM Continental Breakfast & Registration
Sponsored by Bellbrook Labs

8:15 – 8:25 AM Welcome Address
Bill Linton, Chairman, President and CEO of Promega Corporation

Keynote Presentation
Orla Smith, PhD, Managing Editor, Science Translational Medicine
8:30 -9:00 AM

Session 1 – Reproducibility, Replicability & Robustness
Session Chairs: Terry Riss, PhD; Michael Hoffmann, PhD

9:05– 9:40 AM “Introduction to Reproducibility, Replicability & Robustness”
Phil Iversen, PhD, Eli Lilly & Co.

9:40 – 10:00 AM BREAK

10:00 – 10:40 AM “Applying the BioAssay Ontology to better understand screening data”
Ola Engvist, PhD, Astra Zeneca PLC

10:40 – 11:20 AM “Compound integrity, PK, and exposure in in vitro and in vivo assays”
TC Chung, PhD, Sanford Burnham Medical Research Institute

11:20 AM – 1:10 PM POSTER SESSION and LUNCH Sponsored by Promega Corporation

Session 2: Translatability of Data from In Vitro to In Vivo
Session Chairs: Doug Auld, PhD; Elizabeth Iorns, PhD

1:10 – 1:50 PM “Improving the quality of preclinical research through more rigorous study design and transparent reporting”
Shai Silberberg, PhD, National Institute of Neurological Disorders and Stroke (NINDS/NIH)

1:55 – 2:35 PM “Using mouse models for preclinical research – the do’s and don’t’s of experimental design and data interpretation”
Cathleen Lutz, PhD, Jackson Laboratories

2:35 – 2:50 PM BREAK

2:50 – 3:30 PM “The ALS animal model story”
Fernando Vieira, MD, ALS Therapy Development Institute

3:30 – 4:10 PM “How to address the reproducibility crisis in biomedical research through the adoption of a common quality standard”
Ulo Palm, MD, PhD, MBA, Forrest Research Institute

Session 3: Assay Guidance Manual Editors’ Business Meeting
Session Chair(s): G. Sitta Sittampalam, PhD; Michelle Arkin, PhD
4:30 – 6:15 PM