

Innovation in Life Science & Healthcare Research & Product Development

InterAction Meeting Autumn 2006, October 16-19
Bryn Mawr College, Philadelphia, PA

Join industry experts to find out
what's new in these fields...

- ▶ **Critical Paths in Drug Development**
- ▶ **Decision Support for R&D**
- ▶ **Metabolomics**
- ▶ **Biomarkers**



...and also attend related
drug discovery sessions...

- ▶ **Structure-based Drug Design**
- ▶ **Screening & Docking**
- ▶ **Discovery Tools & Modeling**
- ▶ **Medicinal Chemistry**
- ▶ **Predictive Toxicology**

Further details on <http://echeminfo.com>

...with a format designed to maximize
InterAction...

- ▶ **Seminars and panel discussions in the mornings**
- ▶ **Associated workshops in the afternoons to explore the topics in greater depth**
- ▶ **Knowledge Café, Poster Session and networking events in the evenings**

Utilising Knowledge Management to Increase R&D Productivity along Critical Paths Chair: Michael Liebman (Windber Research Institute)

What a Quality Assurance Program can do to Facilitate Clinical Research and Development Process
Delia Y. Wolf (Harvard Medical School)

Why the "Top-Down Approach" to Knowledge and Content Management has failed the United States Intelligence Community - Implications for Healthcare Research
Duane Shugars (Concentia Digital)

Building an Informatics Infrastructure for Translational Research
Jonathan Sheldon (InforSense)

Knowledge Management for Translational Research
Jian Wang (Biofortis)

Applying Knowledge Assessment Techniques to improving Productivity in Life Science Research
Jeff Spitzner (Rescentris)

A Framework for Research Informatics
Peter Gates (Johnson & Johnson PR&D)

Associated afternoon workshops...

- ▶ Delia Y. Wolf (Harvard Medical School)
Carrying out an Onsite Audit and Self-assessment in Clinical Trial Management
- ▶ Barry Hardy (Douglas Connect) & Jeff Spitzner (Rescentris)
Knowledge Assessment in R&D - Impact on Project Management & Research Productivity



Decision Support for Research & Development Chair: Dennis Underwood (Praxeon)

The Role of Systems Biology and Knowledge Management in Advancing Toxicology Knowledge in Big Pharma, Peter Henstock (Pfizer)

Advanced Technology in Support of Analytics in the Life Sciences
Craig Liddell (Epacris)

Case Studies in Using Interactive Visual Analytics to Accelerate Drug Development
David Mosenkis (Spotfire)

Management Reporting of Clinical Trial Programs, Portfolios, and Studies: Managing Risks / Managing Projects
Joel Hoffman (Insightful)

Searching for Answers in Drug Development: The Game of Twenty Questions
Dennis Underwood (Praxeon)

Special Open Session on Electronic Laboratory Notebooks

Join us on Tuesday evening for an open session on Knowledge Management in R&D including open seminars and demonstrations of Electronic Laboratory Notebooks, followed by a Knowledge Café and reception!

- ▶ Joel Hoffman (Insightful)
Applying Roadmap processes to the Clinical Trials Project Process
- ▶ Joseph Bitran (Enterprizer)
Innovation Management in R&D - an Enterprizer Briefing and Case Study
- ▶ David Mosenkis (Spotfire)
Using Interactive Visual Analytics to Accelerate Drug Development
- ▶ Electronic Laboratory Notebook Workshops

Application of Metabolomics to Drug Discovery & Development

Chair: George G. Harrigan (Monsanto)

FDA's Critical Path Initiative:
Opportunities for Metabolomics
Rick Beger (NCTR, FDA)

Uses and Abuses of
Metabonomics in
Pharmaceutical Preclinical
Safety Assessment
Don Robertson (Pfizer)

A Pharma Perspective on Metabolomics
– the Opportunities and Realities
Susan Connor (GlaxoSmithKline)

Standards in Reporting Initiative
Oliver Fiehn (UC Davis Genome Center)

Identification of Novel, Minor
Lipids in Total Lipid Extracts of
Eschericia Coli using Electrospray
Ionization Mass Spectrometry
Teresa Garrett (Duke University)

Tracer Substrate-based Metabolomics and the
2005 Nobel Prize award in Physiology & Medicine
Greg Maguire (SIDMAP)

Application of Metabolomics to
Biomarker and Off-Target Side
Effect Identification in Marketed
Drugs and New Chemical Entities
Alvin Berger (Metabolon)

Serum Markers of Caloric Restriction
Bruce Kristal (Cornell University)

Studies of Drug-Induced Liver Injury using Comprehensive
2D Gas Chromatography with Time-of-Flight Detection
Eric Nemeč (Leco Corporation)

Toward Diagnosis of Diabetes
by NMR-based Metabolomics
Gregory Banik (Bio-RAD)

Associated late afternoon workshops ...

- ▶ Andrew N. Lane (JG Brown Cancer Center, U. Louisville)
NMR-based Positional Isotopomer Analysis in Metabolomics
- ▶ S. Stanley Young (National Institute of Statistical Sciences)
Linking Metabolic Profiles to Biological Outcome
- ▶ Gregory Banik (Bio-RAD)
Understanding Metabolomics Mixtures with Principal Components Analysis

Don't miss this evening's
Poster Session
with drinks & barbecue

Biomarker Discovery & Applications in Drug Development

Chair: Zentam Tsuchihashi (Bristol-MyersSquibb)

Harnessing the Power of Systems Biology – Delivering
Mechanism-of-Action and Biomarkers in Drug Development
Keith Elliston (Genstruct)

Application of Proteomics to
Biomarker Discovery
Michael Jones (Novartis)

Many Layers of Biomarker Roles in Tumor Immunotherapy
Zentam Tsuchihashi (Bristol-MyersSquibb)

Multivariate Biomarkers Discovery
Darius Dziuda (Central Connecticut State
University)

Perspectives for Multi-Epitope Ligand Kartography
(MELK) for Detection of Diagnostic and Therapeutic
Biomarkers in Skin Diseases, Allergology and Beyond
Bernd Bonnekoh, (Otto-von-Guericke-University)

Associated afternoon workshop...

- ▶ Ansgar J. Pommer (SkinSysTec), Analyzing in-situ Proteomics by Multi Epitope Li-
gand Kartography (MELK) for Detection of Diagnostic and Therapeutic Biomarkers





BlueGnome is a leader in the field of analysis of life sciences data having been founded in 2001 by leading researchers at the University of Cambridge. Initially used to improve automation and interpretation of microarray data, the underlying technology has now been extended in close collaboration with major pharmaceutical companies to target NMR and MS platforms.

Today BlueGnome comprises a scientific cocktail of world class mathematicians, engineers, chemists and biologists, and is rapidly growing on the basis of its powerful technology, professional and informed customer service, and reliable on-time delivery.

In summer 2006 BlueGnome launched its Biomarkers Consortium to set the commercial standard for data fusion, processing and analysis.



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Our special thanks go to Collene Wells and Dennis McHenry for the permission to use their photographs of Bryn Mawr Campus in this brochure

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5 ways to register...

- ✓ **Online** at innovationwell.net
(Ticket Office is only visible after login)
- ✓ **Email** [innovationwell at douglasconnect.com](mailto:innovationwell@douglasconnect.com)
- ✓ **Phone** Nicki Douglas on +41 61 851 04 61
- ✓ **Fax** +44 870 112 38 44 (eFax)
- ✓ **Post** Douglas Connect, Baermeggenweg 14
4314 Zeiningen, Switzerland

Please select

- Please register me for InnovationWell InterAction Meeting at Bryn Mawr College, PA, October 16-19, 2006
Registration fee \$1300
- Please register me for InnovationWell InterAction Meeting at Bryn Mawr College, PA, October 16-19 at the Academic Registration fee of \$650

All registration payments must be received in advance of the Meeting.

Payments can be made by bank transfer, cheque or credit card: Amex, MasterCard, Visa

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