

tuesday wednesday wednesday

Canadian Microelectronics Corporation (Kingston, ON)

- **Biophotonics: Experiences from the Corporate Trenches**
Dr. David Armstrong, Executive Vice President, Innovation and Regulatory Affairs, IatroQuest Corporation (Ottawa, ON)
- **Widefield Imaging of Microarrays and Tissue**
Dr. Ted Dixon, Chief Executive Officer and Chairman, Biomedical Photometrics Inc. (Waterloo, ON)
- **Design, Development and Applications of Novel Bio-Sensing Chip**
Dr. Salvatore Coffa, Director of Research, Si Optoelectronics & Post-Si Technologies Group (Italy)
- **Topic to be announced**
Dr. Danika Stanimirovic, Director, Neurobiology Program, National Research Council of Canada (Ottawa, ON)

Biotechnology Partnering Forum

Capital Hall 2B/3B

4:00 pm – 5:30 pm

Delegate Reception

(Exhibit Floor)

Sponsored by:

Invest in Germany, LLC

5:30 pm – 9:00 pm

BioNorth 10th Anniversary Celebration and Awards Dinner

Colonel By Salon

Sponsored by:

MDS Nordion

Wednesday, November 19, 2003

8:30 am – 10:00 am

Bioproducts and the Bio-Based Economy

Congress Hall C

The bio-based economy uses renewable bio-resources and eco-efficient bio-processes to produce sustainable bioproducts that are environment-friendly and create jobs. The transition to a bio-based economy will benefit companies in a wide range of sectors including agriculture and agri-food, forestry, chemical, pharmaceutical, health care and aquaculture. It will also have a positive impact on human and environmental health and the viability of rural communities. A revolution in biosciences and engineering that will transform our lives is now happening. This session will focus on the promise of the bio-based economy, some practical examples and the policies needed to unleash investment and provide sustainable development.

Moderator:

Dr. Brian Freeze, Research Coordinator, APF Science & Innovation, BioProducts and BioProcesses section, Agriculture & Agri-Food Canada (Ottawa, ON)

Panel:

The Technology:

- **Biofuels: Catching up to Kyoto?**

Brian Foody, President, Iogen Corporation (Ottawa, ON)

- **Plant Genomics: A Warehouse of Potential**

Dr. Jens A. Katzek, Managing Director, BIO-Mitteldeutschland GmbH (Halle, Germany)

Advancing the Bio-based Economy: What's Needed to Drive Policy Change and Unleash Investment?

- Frank Flora, Chair, Biobased Products Coordination Council (BPCC) of USDA (Beltsville, MA)
- Dr. George Michaliszyn, Director, Life Sciences Branch, Industry Canada (Ottawa, ON)

Cancer

Congress Hall G

Our understanding of the biology and genetics of cancer has increased dramatically over the past 25 years. Despite the wealth of research initiatives and innovative new treatments, a "cure" for cancer is still not in our grasp. However, recent investments by governments and the private sector prove that cancer still remains a major issue and a worldwide priority. Our panel of speakers for this session will discuss new technology platforms and present new research findings in the research and treatment of cancer.

Moderator:

Dr. William P. Peters, Chief Executive Officer and Vice Chairman, Adherex Technologies Inc. (Ottawa, ON)

- **Oncolytic Viruses: A Platform for Treatment and Genetic Therapy**

Dr. John Bell, Associate Scientist, Cancer Therapeutics, Ottawa Health Research Institute (Ottawa, ON)

- **Advancing Melanoma Cancer Research**

Dr. Elaine Jacobson, Professor, University of Arizona Cancer Centre

- **Canada's Cancer Research Priorities**

Dr. Philip Branton, Scientific Director, CIHR Institute of Cancer Research (Montreal, QC)

- **Topic to be announced**

Dr. Maureen O'Connor, Cancer Genomics, National Research Council of Canada (Montreal, QC)

10:00 am – 11:00 am

EXHIBITOR DRAWS

Refreshments, Networking, Viewing of Exhibits and Posters

Exhibit Floor

International Cluster Showcase

The Westin Ottawa

Manitoba Room (2nd Floor) - (Catania, Sicily, Italy)

Saskatchewan Room (2nd Floor) - (Germany)

British Columbia Room (2nd Floor) (British Columbia/Alberta, CANADA)

11:00 am – 12:30 pm

Bioprocessing: Biotech's Global Response to the Capacity Crunch

Congress Hall C

As the momentum of the biotechnology-based drug industry intensifies, the Bioprocessing industry is under constant pressure to increase capacity and efficiency, reduce production costs and speed up time to market. The panel will provide their insights into the challenges of regulatory compliance and facility validation, the trend towards contract manufacturing, hurdles in research and development, the financing of facilities and, global training needs.

Moderator:

Dr. Judith Atkins, Regulatory Affairs Platform Leader, Research to Launch, Aventis Pasteur Canada (Toronto, ON)

Panel

- Alan Gardner, Director, Pharmaceutical Technologies, GlaxoSmithKline Pharmaceutical (Prussia, PA)
- Dr. Uwe Gottschalk, Head of Good Manufacturing Practices, Protein Purification, Bayer AG (Germany)
- Rick Norland, Project Manager, Canadian Bioprocessing Initiative (Ottawa, ON)

Clearing Discovery Information Bottlenecks

Congress Hall G

The promise of genomic and proteomic tools to lower R&D costs, speed-up discovery, lead identification and validation have yet to be fully realized. This session will examine how genomics, proteomics and system biology are being applied, strategies to overcome information bottlenecks and the next generation of tools.

Moderator:

Mr. Sal P. Causi, Business Development Executive, Life Sciences, IBM Canada (Markham, ON)

- **From Information & Raw Data To Context-Specific Biological Models**

Dr. Francois Iris, President and Chief Scientific Officer, Bio-Modeling Systems (Paris, France)

- **Project Cybercell: Computational Challenges to Cellular Modeling**

Dr. David Wishart, Professor, University of Alberta Institute of Biomolecular Design (Edmonton, Alberta)

- **Digital Disease: A Systems Biology Approach to Drug Discovery**

Mr. Colin Hill, Chief Executive Officer and Co-Founder, Gene Network Sciences (Ithaca, N.Y.)

- **eNovator**

Richard O'Rourke, Chief Executive Officer, KineMatik (Togher Cork, Ireland)

Biotechnology Partnering Forum

Capital Hall 2B/3B

12:30 pm – 3:00 pm

Luncheon Keynote and Closing Address

Colonel By Salon

"Building Successful Public Private Sector Partnerships for Global Health"

Dr. Hannah E. Kettler, Program Officer, Global Health Initiatives

Bill and Melinda Gates Foundation (Seattle, WA)

Sponsored by:

The University of Arizona Science & Technology Park and Ottawa Global Marketing

CONFERENCE
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