



Transgenic BioProcessing

May 5-6, 2005

Wednesday, May 4

4:00-6:00 pm: **Registration and welcome registration**

Thursday, May 6

7:00-8:00 am: **Registration and Continental Breakfast — Meeting Room Foyer**

8:00-8:30 am: **Introduction**
Keith L. Carson — *Conference Chairman*

8:30-9:15 am: **Manufacturing Human Therapeutic Proteins in the Transgenic Plant-Based LEX System: A Case Study for Interferon Alpha 2b**
R. Edward Branson, Ph.D. — *Biolex*

9:15-10:00 am: **Bioprocess and Cost Considerations of Transgenic Plant Platforms**
Zivko Nikolov, Ph.D. — *Texas A&M*

10:00-10:30 am: **Break — Exhibit Area**

10:30-11:15 am: **An Integrated Non-Food, Non-Feed System for Large-Scale Production of Plant-Made Pharmaceuticals**
David Zaitlin, Ph.D. — *Kentucky Tobacco Research & Development Center*

11:15-12:00 noon: **Pre-industrial Production of Complex Biopharmaceuticals in Transgenic Corn**
Guy de Martynoff, Ph.D. — *Meristem Therapeutics*

12:00-1:30 pm: **Lunch — Exhibit Area**

1:30-2:15 pm: **Developing Clonal Plant Cultures for Production of Recombinant Proteins**
Vidadi Yusibov — *Fraunhofer USA*

2:15-3:00 pm: **More Gene Copies - More Protein: Enhancing Expression of Recombinant Proteins in Plant by Gene Amplification**
Nikolai Borisjuk, Ph.D. — *Biotechnology Foundation Laboratories*

3:00-3:30 pm: **Break — Exhibit Area**

3:30-4:15 pm: **Transgenics: Key Factors to Consider when Developing Tangential Flow Filtration**
Hank Kopf — *NCSRT*

4:15-5:00 pm: **The Alfalfa Platform: From Transient Expression to COGs — The Life Cycle of a Project**
Louis Vézina, Ph.D. — *Medicago*

6:00-9:00 pm: **Reception — Exhibit Area**



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Friday, May 7

- 7:30–8:30 am: **Continental Breakfast — Exhibit Area**
- 8:30–9:15 am: **Production of Human IFN-alpha 2b by Transgenic Hens for Clinical Trials**
Mark Leavitt, Ph.D. — *AviGenics*
- 9:15–10:00 am: **Regulatory Challenges and Policy Dilemmas for Transgenic Products**
Robert Rich, Ph.D. — *University of Illinois at Urbana-Champaign*
- 10:00–10:30 am: **Break — Exhibit Area**
- 10:30–11:15 am: **Expression and Production Scale-up of Recombinant Proteins in Plants**
Brian Hooker, Ph.D. — *Battelle Memorial Institute*
- 11:15–12:00 noon: **Transgenic Protein Extraction and Processing From Green Biomass:
Complexities and Solutions**
David Williams — *Chlorogen*
- 12:00–1:30 pm: **Lunch — Exhibit Area**

Due to circumstances beyond the control of the conference organizers, the program is subject to change.