

Waterside Conference

Process Development and Production Issues for Monoclonal & Recombinant Antibodies

May 1-3, 2006

11th Annual Meeting

Sunday, April 30

4:00–6:00 pm: **Registration, Welcome Reception (Exhibit and Poster Setup)**

Monday, May 1

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

8:00–8:30 am: **Introduction**

Keith L. Carson — *Conference Chairman*

8:30–9:15 am: **Therapeutic Recombinant Antibody Supply: Accelerated CHO Cell Line Development**

Greg Dean, Ph.D. — *Cambridge Antibody Technology*

9:15–10:00 am: **Super Antibodies — Empowering the Next Generation of Antibody Development**

Garth Likes, Ph.D. — *InNexus Biotechnology, Inc.*

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

10:30–11:15 am: **Scale-Down Modeling of Regenerated Cellulose Membranes for UFDF Process**

Shinta Dermawan — *Amgen, Inc.*

11:15–Noon: **Variable Domain Glycosylation in Therapeutic Antibodies: Characterization and Implications for Process Development**

Uma Kuchibhotla, Ph.D. — *Eli Lilly and Co.*

Noon–1:00 pm: **Lunch — Exhibit Area**

1:00–1:30 pm: **Poster Session — Exhibit Area**

1:30–2:15 pm: **Human Engineered Antibody Expression in CHO-K1 Cells: From Vectors to High Level Production in 7 Months**

Arnold Horwitz, Ph.D. — *XOMA Corporation (US) LLC*

2:15–3:00 pm: **Patenting Antibodies: The Past, Present, and Future**

Timothy Shea — *Sterne, Kessler, Goldstein & Fox*

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

3:30–4:15 pm: **Just Add Water: A Case Study in Purification Platform Development**

Pete Gagnon — *Bio-Rad Laboratories*

4:15–5:00 pm: **Effect of Lights on Monoclonal Antibody Product Quality During Recovery Process**

Xiaoyang Zhao — *Amgen, Inc.*

5:00–5:45 pm: **Robust High-Resolution and High-Sensitivity HPLC Methods for Routine Carbohydrate Analysis**

Kalyan Anumula, Ph.D. — *Inhibitex*

5:45–6:30 pm: **QC Challenges in Bioproduction**

April Brys — *Batelle*

6:30–8:00 pm: **Reception — Exhibit Area**

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Tuesday, May 2

- 7:30–8:30 am: **Breakfast** — *Exhibit Area*
- 8:30–9:15 am: **Development of a High Yield and Chemically Defined mAb Production Process Through Medium and Feed Improvements**
NingNing Ma, Ph.D. — *Pfizer, Inc.*
- 9:15–10:00 am: **Opportunities and Challenges of Using Non-Chromatographic Methods for Protein Purification from Transgenic Tobacco**
Chenming Zhang, Ph.D. — *Virginia Tech University*
- 10:00–10:30 am: **Break** — *Exhibit Area*
- 10:30–11:15 am: **Assembler Peptide and Artificial Organelle Technology for Enhancing Transgenic Protein Accumulation and Downstream Yield**
Peter Heifetz, Ph.D. — *ERA Biotech*
- 11:15–Noon: **Manufacturing Therapeutic Monoclonal Antibodies in Chicken Eggs**
Robert Etches, Sc.D. — *Origen Therapeutics*
- Noon–6:00 **Free Afternoon with Recommended Activities**
- 6:00–9:00 pm: **Conference Banquet**

Wednesday, May 3

- 7:30–8:30 am: **Breakfast** — *Exhibit Area*
- 8:30–10:00 am: **Technical Workshops - I**
- 10:00–10:30 am: **Break** — *Exhibit Area*
- 10:30–Noon: **Technical Workshops - II**
- Noon–1:00 pm: **Lunch** — *Exhibit Area*
- 1:00–1:30 pm: **Poster Session** — *Exhibit Area*
- 1:30–2:15 pm: **A Comparison of Four Purification Platforms for Preparation of Preclinical IgG Monoclonal Antibodies**
Jie Chen — *Dyax Corporation*
- 2:15–3:00 pm: **Cell-Based Potency Assays for Therapeutic Proteins**
Michael Washabaugh, Ph.D. — *Merck & Company, Inc.*
- 3:00–3:30 pm: **Break** — *Exhibit Area (Exhibit & Poster Teardown at 3:30 pm)*
- 3:30–4:15 pm: **Efficient Development of Manufacturing Processes for Fully Human Monoclonal Antibodies**
Alahari Arunakumari, Ph.D. — *Medarex, Inc.*
- 4:15–5:00 pm: **Human Monoclonal Antibodies to Hepatitis C Virus for Treatment of Hepatitis C**
Hemant Misra, Ph.D. — *XTL Biopharmaceuticals Ltd.*
- 5:00–5:45 pm: **Capillary Electrophoresis for Release Testing and Extended Characterization**
Larry Rose, Ph.D. — *XOMA Corporation (US) LLC*

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