

WilBio – Europe

Process Development and Production Issues for Monoclonal and Recombinant Antibodies

May 22-24, 2005

Saturday, May 21

4:00–6:00 pm: **Exhibit & Poster Setup**

Sunday, May 22

7:00–8:00 am: **Registration and Continental Breakfast — Exhibit Area Foyer**

8:00–8:30 am: **Introduction**

Keith L. Carson — *Conference Chairman*

8:30–9:15 am: **The Structural Characterization of PEGylated Fab' Molecules Produced through Microbial Expression**

Richard Branton — *Celltech R&D*

9:15–10:00 am: **Commercial Implementation of Novel Affinity Ligands for Antibody and Antibody Fragment Purification**

Mark ten Haaft — *Biotechnology Application Centre*

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

10:30–11:15 am: **Post-Translational Processing and Maturation of IgG in Alfalfa**

Nathalie Charland, Ph.D. — *Medicago, Inc.*

11:15–12:00 noon: **Cellular GlycoEngineering for Fully Human Glycosylation & Optimized Sialylation of Proteins**

Steffen Goletz, Ph.D. — *GLYCOTOPE GmbH*

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

1:30–2:15 pm: **The Impact of Post-Approval Changes on Manufacturing Development Planning**

Philipp Hess, Ph.D. — *Philipp Hess Associates*

2:15–3:00 pm: **The Quest for a Generic Industrial Purification Method for IgG**

Pete Gagnon — *Bio-Rad Laboratories*

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

3:30–4:15 pm: **Selection of Cell Lines for Manufacturing Therapeutic Antibodies by Flow Cytometric Cell Sorting**

Andy Racher, Ph.D. — *Lonza*

4:15–5:00 pm: **The Application of GMPs during the Process Development of Antibodies and Recombinant Proteins**

Anders Vinther, Ph.D. — *CMC Biopharmaceuticals*

5:00–5:45 pm: **Use of Biosensor Technology to Aid Product Development and Characterization**

Ashvin K.Patel, Ph.D. — *GSK*

6:00–7:30 pm: **Reception — Exhibit Area**



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Monday, May 23

- 7:30–8:30 am: **American Breakfast – Exhibit Area**
- 8:30–9:15 am: **Comparison of the Production of IgG in NSO and CHO Cell Lines**
Wyn Forrest-Owen – *Cambridge Antibody Technology*
- 9:15–10:00 am: **Novel High Capacity and High Alkaline Stable protein A Affinity Chromatography Media: Characterization and Engineering Considerations**
Dr. Rainer Hahn – *Austrian Center of Biopharmaceutical Technology*
- 10:00–10:30 am: **Break – Exhibit Area**
- 10:30–11:15 am: **Viral & Prion Process Validation Studies**
Klaus Kellings, Ph.D. – *NewLab BioQuality*
- 11:15–12:00 noon: **Development Effort in Preventing Formulation Changes Following New Process Implementation**
Elizabet Kaisheva, Ph.D. – *Protein Design Labs*
- 12:00–6:00 pm: **Free Afternoon with Recommended Group Activities**
- 6:00pm–9:00 pm: **Conference Banquet**



Tuesday, May 24

- 7:30–8:30 am: **Continental Breakfast – Exhibit Area**
- 8:30–10:00 am: **Technical Workshop I**
- 10:00–10:30 am: **Break – Exhibit Area**
- 10:30–12:00 noon: **Technical Workshop II**
- 12:00–1:30 pm: **Lunch – Exhibit Area**
- 1:30–2:15 pm: **Polysorbate-80 Determination in BG00002 MAb using Cobalt Complexation**
David Malliaros, Ph.D. – *Biogen Idec*
- 2:15–3:00 pm: **Lectin Array-Based, Quantitative Analysis of Antibody Glycosylation**
Johanna Griffin – *Procognia, Inc.*
- 3:00–3:30 pm: **Break – Exhibit Area (Exhibit & Poster Teardown at 3:30 pm)**
- 3:30–4:15 pm: **Combination of Process Science and Comprehensive Glycoprotein Characterisation to Improve Clinical Drug Development**
René Brecht, Ph.D. – *ProBioGen AG*
- 4:15–5:00 pm: **Current EU Procedures and New Developments**
Martin van der Plas, Ph.D. – *RIVM, National Institute of Public Health*
- 5:00–5:45 pm: **Utilize Current Separation Technology to Achieve a Cost-Effective Robust Process for Recombinant Monoclonal Antibody Production**
Joe Zhou, Ph.D. – *Amgen, Inc.*
- 6:00–7:30 pm: **Reception – Exhibit Area Foyer**

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

