

# The Waterside Conference

May 2–6, 2004

## Sunday, May 2

4:00–7:00 pm: *Registration, Welcome Reception, and Exhibit Setup*

## Monday, May 3

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

8:00–8:30 am: **Introduction**

Keith L. Carson — *Conference Chairman*

8:30–9:15 am: **Effect of Cell Culture Conditions on Antibody Production from CHO Cells**

Brian Kearns, Ph.D. — *Schering-Plough Research Institute*

9:15–10:00 am: **Fast Track Process Development for a Monoclonal Antibody to Support Late Stage Clinical Development**

Thomas Ryll, Ph.D. — *Tanox Biosystems*

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

10:30–11:15 am: **Separation and Characterization of IgG4 Molecules**

Eszter Birck-Wilson, Ph.D. — *GTC Biotherapeutics, Inc.*

11:15–12:00 noon: **Capillary Electrophoresis for Analysis of a Therapeutic Recombinant Monoclonal Antibody**

Methal Albarghouthi, Ph.D. — *MedImmune, Inc*

12:00–1:30 pm: *Lunch — Exhibit Area*

1:30–2:15 pm: **Challenges of IgG Expression from Drug Development to Clinical Supply**

Lekan Daramola — *Cambridge Antibody Technology*

2:15–3:00 pm: **Generation of High Yielding Cell Lines – Strategies and Hurdles**

Volker Sandig, Ph.D. — *ProBioGen AG*

3:00–3:30 pm: *Break — Exhibit Area*

3:30–4:15 pm: **Regulatory Issues During Early Product Development**

Gerald M. Feldman, Ph.D. – *FDA/CDER*

4:15–5:00 pm: **Quantitative SDS-PAGE Method Development for Lot Release and Stability**

Katherine Reid, Ph.D. — *Protein Design Labs*

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

## Tuesday, May 4

7:30–8:30 am: *American Breakfast — Exhibit Area*

8:30–9:15 am: **Controlling Aggregation During IgG Purification**

Alan Klotz, Ph.D. — *Eli Lilly & Company*

9:15–10:00 am: **The Use of Analytical and Biophysical Methods in the Development of Efficient Down-Stream Process Conditions**

Frank Bedu-Ado, Ph.D. — *KBI BioPharma, Inc.*

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

10:30–11:15 am: **Protein Instability and Strategies for Efficient Formulation Development**

Bei Chen, Ph.D. — *Abgenix, Inc.*

11:15–12:00 noon: **Antibody Characterization by Chip-Based Electrophoresis**

Elena Vasilyeva — *Biogen Idec MA, Inc.*

12:30 pm: *Free afternoon with recommended activities*

6:30–10:00 pm: *Conference Banquet*

**Wednesday, May 5**

- 7:30–8:30 am: **Continental Breakfast — Exhibit Area**
- 8:30–10:00 am: **Technical Workshops I**
- 10:00–10:30 am: **Break — Exhibit Area**
- 10:30–12:00 noon: **Technical Workshops II**
- 12:00–1:30 pm: **Lunch — Exhibit Area**
- 1:30–2:15 pm: **Role of Accelerated Stability Studies in Evaluating Product Comparability Following Process Changes**  
Supriya Gupta, Ph.D. — *Protein Design Labs*
- 2:15–3:00 pm: **Optimization of Antibody Production Processes**  
Jez Wayte, Ph.D. — *LONZA Biologics PLC*
- 3:00–3:30 pm: **Break — Exhibit Area (Exhibit Teardown at 3:30 pm)**
- 3:30–4:15 pm: **Screening and Developing High-Titer NS0 Cell Lines**  
Ronald Schoner — *Eli Lilly & Company*
- 4:15–5:00 pm: **Selection, Design, and Production of Therapeutic Antibody Fragments**  
Leigh Bowering, Ph.D. — *Celltech R&D*

**Thursday, May 6**

- 7:30–8:30 am: **American Breakfast — Exhibit Area**
- 8:30–9:15 am: **Investing in Process Development**  
Geoffrey Hodge — *Xcellerex, LLC*
- 9:15–10:00 am: **Evaluating Formulation and Delivery Options in Early Stage Product Development**  
Roman Hlodan — *Cambridge Antibody Technology*
- 10:00–10:30 am: **Break — Exhibit Area**
- 10:30–11:15 am: **Development and Evaluation of Assays for Cell Enumeration, Apoptosis, and Cell Cycle**  
Yelena Fayvilevich — *Centocor, Inc.*
- 11:15–12:00 noon: **Cell Culture Raw Materials – Can You Trust the Container Label?**  
Thomas Seewoester, Ph.D. — *Amgen, Inc.*

*Due to circumstances beyond the control of the conference organizers, the speaker list is subject to change.*

**Participating Exhibitors Include:**

- Ajinomoto U.S.A., Inc.
- Althea Technologies, Inc.
- Amersham Biosciences Corporation
- Applied Biosystems
- Applikon
- AppTec Laboratory Services
- Asahi Kasei America, Inc.
- Avid Bioservices
- BD Biopharm & Industry
- Biacore, Inc.
- Biomedical Research Foundation of Northern LA
- Bio-Rad Laboratories
- BioReliance Corporation
- Broadley-James Corporation
- Cambrex Biosciences Walkersville
- Charles River Laboratories
- CIPHERGEN Biosystems, Inc.
- Cobra Biomanufacturing Plc
- Consolidated Polymer Technologies
- Corning, Inc.
- CUNO Incorporated
- Diosynth RTP, Inc.
- DMV International
- EMD Biosciences
- HyClone Laboratories, Inc.
- Innovative Directions
- Integrated Biosystems
- Invitrogen / Gibco Corporation
- Irvine Scientific
- JRH Biosciences
- Kemp Biotechnologies, Inc.
- Kendro Laboratory Products
- Lark Technologies
- LONZA Biologics
- Maine Biotechnology Services
- Microbix Biosystems Inc.
- Millipore Corporation
- Miltenyi Biotec Inc.
- NC SRT, Inc.
- New Brunswick Scientific
- Nova Biomedical
- PAC Biologics
- Pall Corporation
- Paul Mueller Company
- Q-Biogene
- Sensorix
- Seqwright
- SeraCare Life Sciences, Inc.
- Serologicals Corporation
- Sigma-Aldrich Fine Chemicals
- Spectrum Laboratories, Inc
- Stedim, Inc.
- Wave Biotech
- Westfalia Separator, Inc.
- YSI Incorporated