

The Waterside Conference

Process Development and Production Issues for Monoclonal & Recombinant Antibodies

5th Annual Meeting

April 30-May 3, 2000

The Wyndham (Biscayne Bay) Hotel

Miami, Florida

Program

Sunday, April 30

- 10:00-2:00 pm: **Exhibit Setup**
- 2:00-2:30 pm: **Introduction**
Keith L. Carson - Conference Chairman
- 2:30-3:15 pm: **Unexpected Challenges in the Analysis of a Small Recombinant Protein Expressed in E-Coli**
Jacek Mozdzanowski, Ph.D. - *SmithKline Beecham Pharmaceuticals*
- 3:15-4:00 pm: **Development of a Technology Platform for Manufacturing and Characterizing Antibodies**
Brian G. Turner - *BASF Bioresearch Corporation*
- 4:00-4:45 pm: **Enhanced Productivity of Monoclonal Antibody Purification by Hydrophobic Interaction Chromatography Using a Non-Salt-Based Binding Buffer System**
Donald Ladd - *Becton Dickinson Biosciences*
- 5:00-6:30 pm: **Welcome Reception: Exhibit Area**

Monday, May 1

- 7:30-8:30 am: **Continental Breakfast - Exhibit Area**
- 8:30-9:15 am: **One Kilogram of Antibody Per Day, and How to Get There**
Ben A. Bulthuis, Ph.D. - *Centocor*
- 9:15-10:00 am: **Evaluation of Small Scale Production Methods Using an Adherent CHO Cell Line Expressing a Recombinant Protein**
Sue Clarke - *Cantab Pharmaceuticals*
- 10:00-10:30 am: **Break - Exhibit Area**
- 10:30-11:15 am: **Characterization of Components in Animal Protein Free Cell Culture Media**
Jonathan Klepinger - *ICOS Corporation*
- 11:15-12:00 noon: **Reactor Design and Process Scale-Up in Mammalian Cell Culture**
Jerry M. Tong, Ph.D. - *Lonza Biologics, plc*
- 12:00-1:30 pm: **Lunch - Exhibit Area**
- 1:30-2:15 pm: **Strategies for Cell Line Development, Evaluation and Analysis**
Gerald Carson - *BASF Bioresearch Corp.*
- 2:15-3:00 pm: **Processing Monoclonal Antibodies from Corn Seed**
Douglas Taylor - *Integrated Protein Sciences*
- 3:00-3:30 pm: **Break - Exhibit Area**
- 3:30-4:15 pm: **Pegylation of Monoclonal Antibodies**

Merry Sherman, Ph.D. - *MountainView Pharmaceuticals*

4:15-5:00 pm:

PCR Based Assays for Viral Safety Evaluation

Kurt A. Brorson, Ph.D. - *FDA/CBER*

5:00-5:45 pm:

Formulating Antibodies at High Concentration: Tools and Tribulations

Elizabeth Kaisheva - *Protein Design Labs, Inc.*

6:00-7:30 pm:

The Waterside Reception - Exhibit Area

Tuesday, May 2

7:30-8:30 am:

Continental Breakfast - Exhibit Area

8:30-9:15 am:

Validation Challenges in Transgenic Production of Biopharmaceuticals

Mark Adams - *Genzyme Transgenics Corporation*

9:15-10:00 am:

Characterization of Zevalin™ (IDEC-Y2B8): A Radiolabeled Murine Monoclonal Antibody

Michael LaBarre, Ph.D. - *IDEC Pharmaceuticals Corporation*

10:00-10:30 am:

Break - Exhibit Area

10:30-11:15 am:

Influence of Protein Hydrolysates on the Growth of Hybridomas and the Production of Monoclonal Antibodies

Vijai K Pasupuleti, Ph.D. - *Quest International*

11:15-12:00 noon:

Downstream Process Evolution for a Human Monoclonal Antibody

David Jen, Ph.D. - *Centocor, Inc.*

6:00-7:30 pm:

The Conference Banquet

Wednesday, May 3

7:30-8:30 am:

Continental Breakfast - Exhibit Area

8:30-10:00 am:

Technology Workshops I

10:00-10:30 am:

Break - Exhibit Area

10:30 - 12:00 noon:

Technology Workshops II

12:00-1:30 pm:

Lunch - Exhibit Area

1:30-2:15 pm:

Further Experiences in Purification Development with Clinical Trial Material

Dennis Michiel, Ph.D. - *NCI/SAIC*

2:15-3:00 pm:

Detection of Endogenous Retrovirus in Rodent Cell Lines used for Production of Biologics

Alasdair Shepherd, Ph.D. - *Q-ONE BIOTECH LTD*

3:00-3:30 pm:

Break - Exhibit Area (Exhibit Tear Down at 3:30 pm)

3:30-4:15 pm:

Transgenic Chickens: From Genes to Ton Quantities in 18 Months

Steve Parkinson - *TranXenoGen, Inc.*

4:15-5:00 pm:

For a Few Dollars More: Improving Product Success Rate, Time-to-Market, and Profitability with Purification Improvements

Pete Gagnon, Ph.D. - *Validated Biosystems, Inc.*

List of Exhibitors

Charles River Laboratories

Q-One Biotech, Ltd.

BioWhittaker, Inc.

HyClone Laboratories, Inc.

Kendro Laboratory Products

JRH BioSciences, Inc.

INTEGRA Biosciences

B.Braun Biotech International

Institut Pasteur

EM Industries, Inc.

TranXenoGen, Inc.
Life Technologies, Inc.
Covance Inc.
Formatech, Inc.
Serologicals Corp.
New Brunswick Scientific Co.
Spectrum Laboratories, Inc. - Cellco
Corning Labware & Equipment - Labglass
MDS Panlabs
Sigma Aldrich Fine Chemicals
TosoHaas
Millipore
BioPro International
Molecular Devices Corporation
ViroMed Biosafety, Inc.
BioPharm Magazine
MicroCal, Inc.
Cygnus Technologies
Wave Biotech, LLC
Westfalia Separator, Inc.
Asahi Chemical Industry

Amersham Pharmacia Biotech Inc.
Irvine Scientific Sales, Co., Inc.
Integrated Protein Technologies
Beckman Coulter, Inc.
PE Biosystems
PALL BioPharmaceuticals
Quantum Biotechnologies, Inc.
BD BioSciences, Inc.
One Cell Systems, Inc.
BioReliance
BioRad
Biomedical Resources
Nova Biomedical
Chemunex, Inc.
A/G Technology Corporation
Strategic BioSolutions, Inc.
Refine Technology Co.
Goodwin Biotech
Accurate Polymers
California Analytical Instruments