

Baculovirus & Insect Cell Culture

Process Development and Production Issues for Baculovirus & Insect Cell Culture

8th Annual Meeting

February 21–24, 2005

Sunday, February 20

4:00–6:00 pm: **Registration and Welcome Reception, plus Exhibit & Poster Setup**

Monday, February 21

- 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: **Development and Implementation of a Robust High-Throughput Protein Expression Protocol Using the Baculovirus Expression Vector System**
Christopher Kemp, Ph.D. — *Kemp Biotechnologies*
- 9:15–10:00 am: **Novel Baculovirus-Derived p67 Subunit Vaccines Efficacious Against East Coast Fever in Cattle**
Stephen Kaba, Ph.D. — *Centers for Disease Control & Prevention*
- 10:00–10:30 am: **Break — Exhibit Area**
- 10:30–11:15 am: **Comparison of Infectivity Between AAV Vectors Produced by Sf9 cells and 293 Cells**
Haifeng Chen, Ph.D. — *Avigen*
- 11:15–12:00 noon: **AcMNPV Fluorescent Gene Constructs for Stabilization Against Inactivation by UV Light**
Arthur H. McIntosh, Ph.D. — *USDA*
- 12:00–1:30 pm: **Lunch — Exhibit Area**
- 1:30–2:15 pm: **An Integrated Platform for High Throughput Expression of Human Peptidases**
Angela Molteni, Ph.D. — *Axxam*
- 2:15–3:00 pm: **The Role of the Cell Cycle State and GP64 Binding Ability on the Infectivity of Cells and Their Relationship to Protein Expression**
Thera Mulvania, Ph.D. — *Expression Systems*
- 3:00–3:30 pm: **Break — Exhibit Area**
- 3:30–4:15 pm: **Effects of Conditioned Medium Factors on Insect Cell Physiology and Productivity**
Karin Calles — *Karo Bio*
- 4:15–5:00 pm: **Development of High Cell Density Processes for Stable Non-Viral Protein Expression Using Insect Cells**
Cynthia Elias, Ph.D. — *Biotechnology Research Institute*
- 6:00–7:30 pm: **Reception — Exhibit Area**
-

Tuesday, February 22

- 7:30–8:30 am: **American Breakfast — Exhibit Area**
- 8:30–9:15 am: **The Role of Q-PCR in the Baculovirus Laboratory: Quick Virus Titters and a Whole Lot More**
Diane Alessi — *Pfizer Global Research & Development*
- 9:15–10:00 am: **Use of Low MOIs for the Large Scale Production of Therapeutic Proteins**
Paul Cino, Ph.D. — *Neose Technologies*
- 10:00–10:30 am: **Break — Exhibit Area**
- 10:30–11:15 am: **Stirred-Tank Bioreactor Conditions for Production of Recombinant Adeno-Associated Virus in Sf9 Cells**
Robert Kotin, Ph.D. — *National Heart, Lung, and Blood Insitute*
- 11:15–12:00 noon: **Development and Validation of a Scaleable Manufacturing Process for an Influenza Vaccine**
Rick Chubet — *Protein Sciences Corporation*
-

Baculovirus & Insect Cell Culture

Process Development and Production Issues for Baculovirus & Insect Cell Culture

8th Annual Meeting

February 21–24, 2005

12:00 noon–6:00 pm: **Free Afternoon with Recommended Group Activities**
6:00–9:00 pm: **Conference Banquet**

Wednesday, February 23

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: **A Rapid Cell Size Based Method for Measuring Baculovirus Titers**
Somasekhar Seshagiri, Ph.D. — *Genentech, Inc.*
2:15–3:00 pm: **Development of a Recombinant Parvovirus B19 vaccine: Partnering with the NIH**
Daniel Shelly, Ph.D. — *Viral Antigens Inc.*
3:00–3:30 pm: **Break — Exhibit Area (Exhibit & Poster Teardown at 3:30 pm)**
3:30–4:15 pm: **High-Throughput Transfection and Protein Expression in Insect Cells Using the Baculovirus Expression System**
Simon Lee, Ph.D. — *Roche Palo Alto*
4:15–5:00 pm: **Process Optimization Protocol for Tangential Flow Filtration of Insect Cells and Baculovirus**
Marcelo Tellez — *NCSRT*
5:30–6:30 pm: **Happy Hour — Meeting Foyer**

Thursday, February 24

7:30–8:30 am: **Continental Breakfast — Meeting Foyer**
8:30–9:15 am: **Chimigen Vaccines: A New Class of Therapeutic Vaccines Produced in Insect Cells for the Treatment of Chronic Viral Infections**
Rajan George, Ph.D. — *ViRexx*
9:15–10:00 am: **Large-Scale Protein Expression Using Partly Automated and Disposable Cultivation and Filtration Technologies for the BEV System**
Mario Henke — *Novartis Pharma AG*
10:00–10:30 am: **Break — Meeting Foyer**
10:30–12:00 noon: **Panel Discussion**