

# Baculovirus & Insect Cell Culture

Process Development & Production Issues

## 3rd Annual Meeting

February 8-11, 1999

Radisson Hotel

Santa Barbara, California

## Program

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### Sunday, February 7

4:00-9:00 pm:

*Welcome Reception, Exhibit Set Up*

### Monday, February 8

7:00-8:00 am:

**Continental Breakfast - Meeting Room Foyer**

8:00-8:30 am:

#### **Introduction**

Keith Carson - *Conference Chairman*

8:30-9:15 am:

**Applications of Cellulose-Binding Domains for Recombinant Protein Capture and Immobilization**

Scott Monsma, Ph.D. - *Novagen, Inc.*

9:15-10:00 am:

**Novel Immunotherapeutic Cancer Vaccines Produced in Baculovirus/Insect Cells**

Curtis L. Ruegg, Ph.D. - *Dendreon Corporation*

10:00-10:30 am:

**Break - Exhibit Area**

10:30-11:15 am:

**The Other Side of Baculovirus Insect Pathology and Microbial Control**

Patrick V. Vail, Ph.D. - *USDA/ARS*

11:15-12:00 noon:

**Recent Advances in Stable Insect Expression Systems**

Michael Galleno - *Invitrogen Corporation*

12:00-1:30 pm:

**Lunch - Exhibit Area**

1:30-2:15 pm:

**An Improved Manufacturing Process for the Baculovirus Expression Vector System Using a New Serum-Free Cell Line and High Density Cultures**

Gale E. Smith, Ph.D. - *Protein Sciences Corporation*

2:15-3:00 pm:

**A Simple Method to Monitor Protein Expression in Cell Culture By PCR**

Mathoor Sivaram, Ph.D. - *Biotechnology Consulting*

3:00-3:30 pm:

**Break - Exhibit Area**

3:30-4:15 pm:

**Regulatory Issues for Recombinant Vaccines**

Rakesh Pandey, Ph.D. - *FDA/CBER*

4:15-5:00 pm:

**Natural and Vaccine-Induced Responses to Purified Rubella Virus Proteins Expressed in Insect Cells**

Christian Oker-Blom, Ph.D. - *VTT Biotechnology & Food Research*

6:00-8:00 pm:

**Ocean Front Reception - Exhibit Area**

### Tuesday, February 9

- 7:30-8:30 am: **Continental Breakfast - Exhibit Area**
- 8:30-9:15 am: **Scale Up of Recombinant Protein Production in Insect Cells**  
Stuart A. Rosenfeld, Ph.D. - *DuPont Pharmaceuticals Company*
- 9:15-10:00 am: **Proteases in Baculovirus Expression Systems: Inhibition of Degradation of Secreted and Cell-Associated Recombinant Proteins**  
JaRue S. Manning - *University of California Davis*
- 10:00-10:30 am: **Break - Exhibit Area**
- 10:30-11:15 am: **Expression and Large Scale Production of Kinases Using Baculo-Recombinants**  
Shridhara Murthy, Ph.D. - *Wyeth-Ayerst Research*
- 11:15-12:00 noon: **Mammalian Cell Applications for the Baculovirus System**  
Patrick P. Condreay, Ph.D. - *Glaxo Wellcome*
- 6:00-7:30 pm: **Baculo-Mixer - Happy Hour**

**Wednesday, February 10**

- 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: **Development of Tumor Therapeutics Vaccines Using the Baculovirus System**  
Robin A. Robinson, Ph.D. - *DynCorp*
- 2:15-3:00 pm: **Large Scale InVivo Production and Use of the NPV of Anticarsia Gemmatalis in Soybean in Brazil**  
Flavio Moscardi, Ph.D. - *Embrapa Soja*
- 3:00-3:30 pm: **Break - Exhibit Area (Exhibit Tear Down at 3:30 pm)**
- 3:30-4:15 pm: **Scale Up and Optimization of a Baculovirus Expression System for Recombinant Protein Production**  
Amit Varma, Ph.D. - *MedImmune, Inc.*
- 4:15-5:00 pm: **Expression of the Human Alpha-Galactosidase A in Insect Cells**  
David Calhoun - *City College of New York*
- 5:00-5:45 pm: **Comparison of Various Titering Methods for Baculovirus**  
Shue Wang, Ph.D. - *Amgen*
- 7:00-10:00 pm: **Conference Banquet**

**Thursday, February 11**

- 7:30-8:30 am: **Continental Breakfast - Foyer**
- 8:30-9:15 am: **Efficient Large Scale Recombinant Protein Production in Insect Larvae**  
John Lee Compton, Ph.D. - *AgriVirion, Inc.*
- 9:15-10:00 am: **Development of an Insoluble Fusion Tag System: Enhanced Expression and One-Step Purification of Recombinant Proteins**  
Sara Potthoff, Ph.D. - *Pierce Chemical Company*
- 10:00-10:30 am: **Break - Foyer**
- 10:30-11:15 am: **Commericalization of Recombinant Baculovirus Insecticides**  
James Wong, Ph.D. - *DuPont de Nemours*
- 11:15-12:00 noon: **Development of a Herpes Simplex Virus Subunit Vaccine**  
Mark W. Cutler, Ph.D. - *Wyeth-Lederle Vaccines & Pediatrics*