

Baculovirus & Insect Cell Culture

Process Development and Production Issues

4th Annual Meeting

February 26 - March 1, 2001

The Menger Hotel

San Antonio, Texas

Program

Sunday, February 25

4:00-7:00 pm:

Welcome Reception, Registration, and Exhibit Setup

Monday, February 26

7:30-8:30 am:

Continental Breakfast & Registration - Meeting Room Foyer

8:30-8:45 am:

Introduction

Keith L. Carson - *Conference Chairman*

8:45-9:15 am:

Choosing the Best Production Technology for Emerging Therapeutic Proteins

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

9:15-10:00 am:

Clinical Trial Results of Baculovirus Derived Products

Robin A. Robinson, Ph.D. - *Novovax, Inc.*

10:00-10:30 am:

Break - Exhibit Area

10:30-11:15 am:

Baculovirus Artificial Chromosomes: A New Generation of Baculovirus

Expression Vectors

Kostas Iatrou, Ph.D. - *Institute of Biology - NCSR*

11:15-12:00 noon:

Cytogenetic Heterogeneity in Spodoptera Frugiperda and Recombinant Protein

Production

Mohamed Al-Rubeai, Ph.D. - *The University of Birmingham*

12:00-1:30 pm:

Lunch - Exhibit Area

1:30-2:15 pm:

Recombinant Gene Expression in Insect Cells: Baculovirus and Non-Viral

Methods

Valentina C. Ciccarone, Ph.D. - *Invitrogen Corp.*

2:15-3:00 pm:

Pampered Pests, Baculoviruses and Recombinant Proteins

John Lee Compton, Ph.D. - *AgriVirion, Inc.*

3:00-3:30 pm:

Break - Exhibit Area

3:30-4:15 pm:

High-Level Expression and Purification of Antigenic Hepatitis-C Virus E2

Glycoprotein from High-Five Cells

Lewis F. Neville, Ph.D. - *XTL Biopharmaceuticals, Ltd.*

4:15-5:00 pm:

Producing Selenomethionine Containing Proteins in Sf-9 Cells

James F. Kane - *SmithKline Beecham*
The Alamo Reception - Exhibit Area

6:00-7:30 pm:

Tuesday, February 27

7:30-8:30 am:

Continental Breakfast - Exhibit Area

8:30-9:15 am:

Producing Proteins in Insect Cells for Therapeutic Cancer Vaccines

James C. Litts, Ph.D. - *Dendreon Corporation*

9:15-10:00 am:

Veterinary Vaccines

André Jestin, Ph.D. - *French Agency for Food Safety*

10:00-10:30 am:

Break - Exhibit Area

10:30-11:15 am:

New Baculovirus Expression Systems Designed for Improved Protein Glycosylation

Don Jarvis, Ph.D. - *University of Wyoming*

11:15-12:00 noon:

Protocols for Proteomics: Rapid Expression, Selenomethionine Labeling and Biotinylation of Recombinant Proteins Using the BEVS

Christopher W. Kemp, Ph.D. - *Kemp Biotechnologies, Inc.*

6:00-7:30 pm:

Baculo-Mixer / Happy Hour - Exhibit Area

Wednesday, February 28

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:

Production of a p55 (Gag) HIV Particle Vaccine Using BEVS Technology

Penny Post, Ph.D. - *Protein Sciences Corporation*

2:15-3:00 pm:

Production of Porcine Parvovirus-Like Particles Using BEVS: Process Development and Scale-Up

Luis Maranga - *Instituto de Biologia Experimental e Tecnológica*

3:00-3:30 pm:

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

3:30-4:15 pm:

Enhancing Growth and Protein Production in an Sf-9 Insect Cell, Baculovirus Expression System Using a Fed-Batch Culture Method

Cynthia Elias, Ph.D. - *Biotechnology Research Institute*

4:15-5:00 pm:

Expression and Recovery of Human Parvovirus B19 VLP Using the Baculovirus Expression System

Amit Varma, Ph.D. - *MedImmune, Inc.*

7:00-10:00 pm:

Conference Banquet - Los Patios

Thursday,

March 1

7:30-8:30 am:

Continental Breakfast - Exhibit Area

8:30-9:15 am:

Engineering the Sialic Acid Metabolic Pathway into Insect Cells

Shawn Lawrence - *Johns Hopkins University*

9:15-10:00 am:

Purification of Recombinant His-Tagged Viral Proteins & Evaluation of Their Sensitivity & Specificity for Detecting Viral Antibodies in Rodent Sera by ELISA

Rajeev K. Dhawan, Ph.D. - *Charles River Laboratories*

10:00-10:30 am:

Break - Exhibit Area

10:30-11:15 am:

Engineering Insect Cells for Increased Recombinant Protein Production

Robert Granados, Ph.D. - *Boyce Thompson Institute at Cornell*

11:15-12:00 noon:

Aspects of the Use of Baculoviruses to Mediate Gene Expression in Mammalian Cells

Patrick P. Condreay, Ph.D. - *GlaxoSmithKline Research and Development*

List of Exhibitors

Applikon, Inc.

HyClone Laboratories, Inc.

New Brunswick Scientific Co.

Kendro Laboratory Products

B. Braun Biotech, Inc.

Cuno Filter Systems

A/G Technologies

Broadley-James Corp.

Expression Systems, Inc.

Wave Biotech

Paragon Biosciences, Inc.

JRH BioSciences, Inc.

Corning, Inc.

Refine Technology Co.

Biomedical Resources

Pall BioPharmaceuticals

Amersham Pharmacia Biotech

Spectrum Laboratories

Protein Sciences

Kemp Biotechnologies

Alfa Wasserman, Inc.

Life Technologies, Inc.