

# Williamsburg BioProcessing Conference

Process Development and Production Issues for Viral Vectors & Vaccines

## 3rd Annual Meeting

November 18-21, 1996

The Williamsburg Lodge

Williamsburg, Virginia

## Program

---

### Sunday, November 17

4:00-10:00 pm: **Exhibit Set-Up, Welcome Reception**

### Monday, November 18

7:00-8:00 am: **Continental Breakfast**

8:00-8:30 am: **Introduction**

Keith L. Carson - Conference Chairman

8:30-9:15 am: **Detection of Viral Contaminants in Vaccines and Gene Therapy Products by Infectivity Tests and Specific PCR Assays**

Joseph V. Hughes, Ph.D. - *Quality Biotech*

9:15-10:00 am: **Are Adenovirus Particles Mostly Infective or Non-Infective?**

Paul Shabram - *Canji, Inc.*

10:00-10:30 am: **Break - Exhibit Area**

10:30-11:15 am: **Recombinant Adenovirus Expressing the Green Fluorescent Protein (GFP) as a Tool for BioProcess Development in Serum-Free Medium by 293SF Cells**

Johanne Cote - *Biotechnology Research Institute*

11:15-12:00 noon: **BVD-Infection Induced Changes in Target Cell Metabolism of MDBK Cells**

Wolfgang Noe, Ph.D. - *Karl Thomae GmbH*

12:00-1:30 pm: **Lunch - Exhibit Area**

1:30-2:15 pm: **Current Regulatory Approaches to Gene Therapy**

Parris Burd, Ph.D. - *FDA/CBER*

2:15-3:00 pm: **Panel Discussion - Regulation of Viral Products**

Panel Invited

3:00-3:30 pm: **Break - Exhibit Area**

3:30-4:15 pm: **Assessing Viral Vaccine Stability**

Carl J. Burke, Ph.D. - *Merck & Company*

4:15-5:00 pm: **New Concepts for Adjuvant Formulation**

Charles Richardson, Ph.D. - *Ribi ImmunoChem Research*

6:00-8:00 pm: **The Virginia Reception - Exhibit Area**

### Tuesday, November 19

7:30-8:30 am: **Continental Breakfast - Exhibit Area**

8:30-9:15 am: **Pilot Facility Design For Gene Therapy Vector Manufacturing**

William R. Tolbert, Ph.D. - *W.R. Tolbert & Associates*

**Virus Manufacturing Facilities - Containment, Scale-Up, and cGMP Issues**

Kenneth J. Jacobson, Ph.D. - *Clark, Richardson & Biskup*

9:15-10:00 am:

10:00-10:30 am:

**Break - Exhibit Area**

**The Inactivation and Characterization of Purified HIV-1 as Antigen for the Treatment of HIV Infection**

Christopher P. Prior, Ph.D. - *The Immune Response Corporation*

10:30-11:15 am:

**Chromatographic Methods for Non-Enveloped Virus Purification**

Anthony A. Green, Ph.D. - *Puresyn, Inc.*

11:15-12:00 noon:

6:30-8:00 pm:

**Reception / Entertainment - To Be Announced**

**Wednesday, November 20**

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:

**Adenovirus Purification, Upstream and Downstream Process Development**

Kathleen M. Hehir - *Genzyme Corporation*

2:15-3:00 pm:

**Managing Multiple Viral Products in a Contract Manufacturing Facility**

Jeffrey M. Ostrove, Ph.D. - *Magenta*

3:00-3:30 pm:

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

3:30-4:15 pm:

**Serum-Free Production of Adenoviral Vectors for Gene Therapy**

Hitoshi Kotani, DVM, Ph.D. - *Genetic Therapy, Inc.*

4:15-5:00 pm:

**Scale-Up Problems With Microcarrier Technology**

Tiny van der Velden, Ph.D. - *Natl. Inst. of Public Health*

5:00-5:45 pm:

**Vero Cells and the Industrial Application for Viral Vaccines**

Bernard J. C. Fanget, Ph.D. - *Connaught Laboratories, Ltd.*

7:00-10:00 pm:

**Banquet - Kings Arms Tavern**

**Thursday, November 21**

7:30-8:30 am:

**Continental Breakfast**

8:30-9:15 am:

**Development of Scalable Production Processes for rAAV Vectors**

Victor P. Fung, Ph.D. - *Targeted Genetics*

9:15-10:00 am:

**Process Development for the Production of Clinical Grade Adenovirus Vectors Containing E1-, E4-Deletions**

Jean Sabatie, Ph.D. - *Transgene S.A.*

10:00-10:30 am:

**Break - Foyer**

10:30-11:15 am:

**Retroviral Vectors: Product Development Enters the Final Phase**

Steven J. Mento, Ph.D. - *Chiron Technologies*

11:15-12:00 noon:

**Production of Viral Glycoproteins Using a Baculovirus Expression System**

Wells Magargal, Ph.D. - *Wyeth Lederle Vaccines and Pediatrics*