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Austin, Texas, USA



Viral Vectors and Vaccines

October 29-31, 2007

Vaccines for Pandemic Viruses and Cancer, What It Will Take to License Gene Vectors

As many other biotech processes become better defined and yield products that are “well characterized,” viral applications remain some of the most challenging. The cell lines are harder to expand, the yields are more difficult to control and quantify, and the final products are harder to purify and deliver with the desired functionality.

This unique conference showcases some of the industry’s most successful efforts while contrasting the licensed practices of the established vaccine companies with the more novel processing techniques of biotech firms. The presentations will focus on the latest advances in production, purification, and analytical methods, while depicting the prevailing trends in regulatory practices and facility design.

Sponsored By:



Topics:

- Vector Development
- Product Characterization
- Raw Material Screening
- Viral Yield Optimization
- Safety Testing
- Downstream Processing
- Facility Design
- Storage and Stability
- Assay and Media Development
- QA / QC Issues

Conference Co-Chairs

- Richard Snyder, Ph.D. - University of Florida***
Boro Dropulic, Ph.D. - Lentigen Corporation





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***Vaccines for Pandemic Viruses and Cancer,
What It Will Take to License Gene Vectors***

SUNDAY, OCTOBER 28, 2007

4:00-6:00 pm **Registration and Welcome Reception**

MONDAY, OCTOBER 29, 2007

7:00-8:00 am **Registration, Continental Breakfast - Meeting Room Foyer**

8:00-8:30 am **Introduction**
Keith L. Carson - Chairman

8:30-9:15 am **Development of a Scalable Adenovirus Purification Platform Suitable for Multiple Serotypes**
John Konz, Ph.D. - Merck & Company Inc.

9:15-10:00 am **Particle Size Analysis of Adenovirus by Dynamic Light Scattering: How Useful is It?**
Joseph Senesac - Introgen Therapeutics Inc.

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

10:30-11:15 am **Rapid-Response Vectored Anthrax Vaccines**
De-chu Tang, Ph.D. - Vaxin Inc.

11:15-Noon **Immune Recognition of Viral Vectors: Approaches to Address a Barrier to Optimal Clinical Gene Transfer**
Fraser Wright, Ph.D. - Children's Hospital of Philadelphia

Noon-1:30 pm **Lunch and Poster Session - Exhibit Area**

1:30-2:15 pm **Challenges in the Formulation of Alphavaccines**
Roberto DePaz, Ph.D. - AlphaVax Inc.

2:15-3:00 pm **Regulatory Expectations for Building Process Control into the Manufacture of Viral Products**
Denise Gavin, Ph.D. - FDA CBER

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

3:30-4:15 pm **Adenovirus-Vectored Influenza Vaccines - A Key Technology to Respond to an Avian Influenza Pandemic and Antigenic Drifts in Seasonal Influenza Viruses**
Kent Van Kampen, D.V.M., Ph.D. - Vaxin Inc

4:15-5:00 pm **Mucosal Vaccination with an Adenovirus-Based Ebola Vaccine**
Maria Croyle, R.Ph., Ph.D. - University of Texas at Austin

5:00-5:45 pm **Financing Trends for Vaccines and Vectors: The Verdict of the Capital Markets**
Patrick Huddle, Ph.D. - Evergreen Capital LLC

6:00-7:30 pm **Reception - Exhibit Area**



TUESDAY, OCTOBER 30, 2007

- 7:30-8:30 am **American Breakfast - Exhibit Area**
- 8:30-9:15 am **Development of an Adeno-Based HIV Vaccine**
Emile van Corven, Ph.D. - Crucell Corporation
- 9:15-10:00 am **Presentation Title Pending**
Boro Dropulic, Ph.D. - Lentigen Corporation
- 10:00-10:30 am **Break - Exhibit Area**
- 10:30-11:15 am **Potency Assays for Adenoviral Vector-Based HIV-1 Vaccines**
Limán Wang, Ph.D. - Merck & Company Inc.
- 11:15-Noon **Exploring the Surface Topology of the AAV Capsid**
Richard Snyder, Ph.D. - University of Florida
- 12:00-6:00 pm **Free Afternoon with Recommended Group Activities**
- 6:00-9:00 pm **Happy Hour on your own on Sixth Street**

WEDNESDAY, OCTOBER 31, 2007

- 7:30-8:30 am **Breakfast - Exhibit Area**
- 8:30-10:00 am **Technical Workshops I**
- 10:00-10:30 am **Break - Exhibit Area**
- 10:30-Noon **Technical Workshops II**
- Noon-1:30 pm **Lunch and Poster Session - Exhibit Area**
- 1:30-2:15 pm **Towards Regulatory Compliance of a Manufacturing Platform for Adeno-Associated Viral (AAV) Vectors**
Wim Hermens, Ph.D. - Amsterdam Molecular Therapeutics
- 2:15-3:00 pm **Developing Rapid Response Vaccine Technologies for Biodefense and Emerging Pathogens**
Mary Pat Moyer, Ph.D. - INCELL Corporation LLC
- 3:00-3:30 pm **Break - Exhibit Area**
- 3:30-4:15 pm **Face of Live Attenuated Respiratory Syncytial Viral Vaccine: *Challenges and Strategies***
Akanksha Nagpal, Ph.D. - MedImmune Vaccines
- 4:15-5:00 pm **Production of Retroviral Vectors by Transfection in a Closed System Bioreactor**
Johannes C.M. van der Loo, Ph.D. - The Cincinnati Children's Research Foundation - *Vector Production Facility*