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Philadelphia, Pennsylvania, USA



Cell Engineering

December 3-5, 2007

***Optimizing Productivity,
Stability and Safety***

Please join us for an in-depth discussion of the most-powerful cell engineering techniques and their effects on cell productivity, stability, and safety.

Presentations by the leading biopharmaceutical companies, small biotech organizations, academics, and key technology supply firms will cover the latest advancements and trends in cell line development, as well as the latest thinking in the regulatory agencies. We'll focus on cell specific productivity while making sure the most productive clones are stable and offer the required safety. We'll also concentrate on the reliability and reproducibility of the more promising cell engineering techniques.

***Conference Chair
Igor Fisch, Ph.D.
Selexis SA***



Topics:

- Initial Cell Acquisition
- Plasmid Development
- Gene Insertion
- Stable Cell Lines
- Clone Optimization and Selection
- Expression Optimization and Stability

The Williamsburg BioProcessing Foundation • P.O. Box 1229, Virginia Beach, Virginia 23451 USA
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Preliminary Speaker List:

Brian Deck, Pfizer, Inc.

Andreas Herrmann, Celonic GmbH

Majid Mehtali, Ph.D., Vivalis

Ronald Vogels, Crucell Holland BV

Rodney Combs, Pfizer

Helen Kim, Ph.D., Amgen Inc.

Markus Imhof, Ph.D., Merck Serono International S.A.

Arnold Horwitz, Ph.D., XOMA Corporation (US) LLC

Sung Ho Hahm, Ph.D., Raphagen, Inc.

Rob Boulanger, Ph.D., Protein Sciences Corporation

Jose Varghese, Merrimack Pharmaceuticals, Inc.

Cori Gorman, Ph.D., Selexis USA

Due to circumstances beyond the control of conference organizers, the program is subject to change.



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SUNDAY, DECEMBER 2, 2007

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

MONDAY, DECEMBER 3, 2007

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

8:00-8:30 am **Introduction**
Keith Carson - Conference Chairman

8:30-9:15 am **Performance and Stability Evaluation of the ACE System Expressing an IgG1 Mab in the CHOK1SV Cell Line**
Rodney Combs - Pfizer Inc.

9:15-10:00 am **Combining Molecular and Cellular Approaches to Establish Stable Producer Cell Lines**
Markus Imhof, Ph.D. - Merck Serono International S.A.

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

10:30-11:15 am **Vector Engineering for Mammalian Cell Line Development**
Helen Kim, Ph.D. - Amgen, Inc.

11:15-Noon **Managing the Impact of Cell Adaptation on the Assessment of Expression Stability**
Brian Deck - Pfizer Inc.

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

1:30-2:15 pm **Improved Vectors and Methods for Mammalian Production of Recombinant Proteins**
Arnold Horowitz, Ph.D. - XOMA Corporation LLC

2:15-3:00 pm **Fast Track Development of IND Ready Processes**
Jose Varghese - Merrimack Pharmaceuticals Inc.

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

3:30-4:15 pm **High Level and Stable Expression of Recombinant Proteins Using Star-Select Technology**
Ronald Vogels - Crucell Holland BV

4:15-5:00 pm **Embryonic Stem Cell-Derived Substrates for the Industrial Production of Vaccines and Therapeutic Proteins**
Majid Mehtali, Ph.D. - Vivalis

5:30-7:00 pm **Reception - Exhibit Area**

TUESDAY, DECEMBER 4, 2007

- 7:30-8:30 am **Breakfast - Exhibit Area**
- 8:30-9:15 am **Precision Genome Editing in Mammalian Cells Using Engineered Zinc Finger Proteins**
Trevor Collingwood, Ph.D. - Sangamo BioSciences, Inc.
- 9:15-10:00 am **Manufacturing FluBIOk – A Novel Influenza Vaccine: Using the Baculovirus Expression Vector System for Commercial Scale Production**
Rob Boulanger, Ph.D. - Protein Sciences Corporation
- 10:00-10:30 am **Break - Exhibit Area**
- 10:30-11:15 am **Super Promoters: Synthetic Gene Promoters Greatly Enhancing Protein Production in Mammalian Cells**
Sung Ho Hahm, Ph.D. - Raphagen Inc.
- 11:15-Noon **Applications of High Titre, Stable Mammalian Cell Lines in the Biotech Industry**
Cori Gorman, Ph.D. - Selexis USA
- Noon-6:00 pm **Free Afternoon with Recommended Activities**
- 6:00-7:00 pm **Happy Hour**

WEDNESDAY, DECEMBER 5, 2007

- 8:00-9:15 am **Breakfast - Exhibit Area**
- 9:15-10:00 am **Cell Line Creation: Behaviour of Cell Lines in a Selection Strategy**
Alison Porter, Ph.D. - Lonza Biologics plc
- 10:00-10:30 am **Break - Exhibit Area**
- 10:30-11:00 am **Technical Workshop** - Cryo Bio System
- 11:00-Noon **Technical Workshop** - BIOLOG
- Noon-1:30 pm **Lunch and Poster Session - Exhibit Area**
- 2:15-3:00 pm **Round Table Discussion: Control Rate Freezing: Fact or Fiction?**
Moderated by: James Moldenhauer, M.S. - Eli Lilly & Company
Held in the Cell Banking Meeting Room
- 3:00-3:30 pm **Break - Exhibit Area**
- 3:30-4:15 pm **Round Table Discussion: Cell Bank Characterization Testing and Stability**
Moderated by: Arifa Khan, Ph.D. and Brenton McCright, Ph.D. - FDA/CBER
Held in the Cell Banking Meeting Room

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Four Ways to Register:



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*Sign up for 3 or more FULL CONFERENCE registrations at the same time and receive a 10% discount off each registration. This discount applies to any combination of WilBio conferences or individuals. To register, complete separate registration forms for each attendee, check the "Multiple Registrations" box, and mail to the address below or fax them to 757.423.2065. If you need additional information, please call us at 757.423.8823.

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Cancellation Policy

We will reimburse your registration fee less a \$100 cancellation charge if we receive a written cancellation request no later than November 4, 2007. No refunds are available after this date.

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Hotel Accommodations

The Ritz Carlton, Philadelphia has offered a special room rate of \$229 per night plus applicable tax.

To receive the conference rate of \$229, you must reserve your room no later than November 9, 2007. Be sure to mention that you are attending the WilBio Cell Engineering meeting.

All reservations must be made directly with the hotel.

**The Ritz Carlton,
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Registration Form