AGENDA/ SPEAKERS*

Day 1: Monday, May 1

7:00 A.M: Registration Open

7:30 – 9:00 AM: Continental breakfast

9.00 – 9.10 AM Chairman’s Welcoming Note
K. Appasani, PhD., MBA. GeneExpression Systems, Inc.
Title: The Hype of RNAi still continues…..

9.10 – 9.15 AM Announcement & Presentation of Gene Co-suppression Innovator Award

9.15 – 12.05 AM Session I. Biochemical Genetics of RNAi
Session Chair: Olivier Voinnet

9.15 – 10.00 AM Keynote Lecture By
Richard A. Jorgensen, PhD.
Professor, University of Arizona, Tucson, AZ
Title: A paragenetic perspective on the significance of RNAi in the biology of plants

10.00 – 10.45 AM Olivier Voinnet, PhD. (EMBO Sponsored Scholar)
CNRS Unite Propre de Recherche
Institut de Biologie Moleculaire des Plantes, Strasbourg Cedex, France
Title: To Be Announced (TBA)

10.45 – 11.15 AM Refreshment Break (30 min) Opening of Exhibit Booths
Sponsored by Integrated DNA Technologies, Inc., Coralville, IA

11.15 – 12.00 AM: David Hill, PhD.
Assistant Director of the Center for Cancer Systems Biology
Dana-Farber Cancer Institute, Harvard Medical School, Boston, MA
Title: Interactome Networks

12.00 -12.05 PM RNAi Business Breaking News: One minute pitch by executives to announce their New Product launch/Business Development/Investment/Acquisition Strategies

12.05 – 1.30 PM Lunch Break (1 hr. 25 min.) Will be provided at Mezzanine Hall
Lunch Sponsored by the Corporate Sponsor Sigma-Aldrich Company

1.30 – 7.30 PM: Session II: RNAi, siRNAs, microRNAs, Genome-wide Libraries: Reagent & Drug Development Strategies from Industry Perspectives

1.30 – 3.00 PM Technology Session I
Session Chair: William Marshall

1.30 – 2.00 PM  
**William Marshall, PhD.**  
Executive Vice President of R&D & Site Manager  
Dharmacon, Lafayette, CO  
**Title:** TBA

2.00 – 2.30 PM  
**Mark Behlke MD, PhD.**  
Vice President, Molecular Genetics & Biophysics  
Integrated DNA Technologies, Inc., Coralville, IA  
**Title:** Use of Dicer-substrate siRNAs *in vitro* and *in vivo*

2.30 – 3.00 PM  
**Susan Magdaleno, Ph.D.**  
Senior Scientist R&D RNAi Technologies  
Ambion, Inc. An Applied Biosystems Business, Austin, TX  
**Title:** RNAi Goes Genomic: Elucidating Gene Function with siRNAs

3.00 – 3.30 PM  
**Refreshment Break (30 min) Sponsored By Qiagen**  
Opening of Poster Viewing Session

3.30 – 5.30 PM  
**Technology Session II**  
Session Chair: Peter Roberts

3.30 – 4.00 PM  
**John M. Maraganore, Ph.D.**  
President and CEO, Alnylam Pharmaceuticals, Cambridge, MA  
**Title:** TBA

4.00 – 4.30 PM  
**Peter Roberts, PhD.**  
Brand Manager, Exiqon, Vedbaek, Denmark  
**Title:** Unlocking the Door on Small RNA

4.30 – 5.00 PM  
**Ian Ley**  
Vice President, Marketing  
Panomics, Inc. Fremont, CA  
**Title:** Innovative Tools for RNAi Research: Novel peptide-based siRNA transfection to difficult-to-transfect cells, light-controllable gene silencing and multiplex quantification of mRNA and protein levels

5.00 – 5.30 PM  
**Eric Lader Ph.D.**  
Associate Director, R&D  
QIAGEN, Germantown, MD  
**Title:** A Genome-Wide Approach to siRNA Library Design, Construction and Screening

5.30 – 7.30 PM  
**SUPPER/Dinner BREAK (2 hrs Served in the Exhibit Hall)**  
Sponsored by GeneExpression Systems, Inc.  
Visit of Exhibits & Posters

7.30 PM **CLOSE** of the Session
Day 2: Tuesday, May 2

7:00 A.M: Registration Open

7:30 – 9:00 AM: Continental breakfast

8.00 – 11.05 AM Session III: MicroRNAs, Discovery, Biogenesis, Target Prediction and Role in Disease Biology

Session Chair: Ramin Shiekhattar

8.00 – 8.25 AM Aurora E. Kerscher, Ph.D.
Postdoctoral Fellow from the Lab of Professor Frank Slack
Department of Molecular, Cellular and Developmental Biology
Yale University, New Haven, CT
Title: MicroRNAs in cancer and development

8.25 – 8.50 AM Ramin Shiekhattar, PhD.
Professor of Gene Expression & Regulation Program
& Director Protein Core Facility, Wistar Institute, Philadelphia, PA
Title: Biogenesis and the mechanism of action of microRNAs

8.50 – 9.15 AM Graham Brock, PhD.
Principal Investigator, Ordway Research Institute, Albany, NY
Title: Real-time quantification of microRNAs employing universal reverse transcription

9.15 - 9.30 AM Break (15 min)

9.30 – 9.35 AM Announcement & Presentation of Lifetime Achievement Award

9.35 – 10.15 AM Inaugural Lecture By
Earl R. Stadtman, PhD.
Chief, Laboratory of Biochemistry, NHLBI
National Institutes of Health, Bethesda, MD
Title: Loss of apoptotic capacity may contribute to the observed age-related accumulation of oxidized proteins

10.15 – 10.40 AM Isidore Rigoutsos, PhD.
Manager, Bioinformatics & Pattern Discovery Group
Computational Biology Center
IBM Thomas J Watson Research Center, Yorktown Heights, NY
Title: RNA22: a Pattern-based Method for MicroRNA Target Identification

10.40 – 11.05 PM Christopher Sullivan, PhD.
Assistant Professor
G.W. Hooper Research Foundation
University of California San Francisco, San Francisco, CA
Title: Viral subversion and utilization of the RNAi pathway

11.05 – 11.30 AM Refreshment Break (25 min) Sponsored by Novosome AG, Germany
Opening of Exhibit Booths
11.30 – 12.50 PM  **Session IV: MicroRNA Expression in Animal Development**

**Session Chair: Antonio Giraldez**

11.30 – 11.55 PM  **Sakari Kauppinen, Ph.D.**
Group Leader
Santaris Pharma, Copenhagen, & University of Copenhagen, Denmark

**Title:** MicroRNAs in animal development and human diseases

11.55 – 12.25 PM  **Antonio J. Giraldez, PhD.**
Postdoctoral Fellow in the Lab of Professor Alexander Schier
Department of Molecular and Cell Biology
Harvard University, Cambridge, MA

**Title:** Zebrafish miR-430 accelerates deadenylation and clearance of maternal mRNAs

12.25– 12.50 PM  **Parker B. Antin, Ph.D.**
Professor of Cell Biology & Anatomy
Department of Cell Biology & Anatomy, University of Arizona, Tucson, AZ

**Title:** MicroRNA expression in Chick Embryonic Development

12.50 – 2.00 PM  **Lunch Break (1 hr. 10 min) will be provided at the Conference Hall**

Sponsored by Exiqon, Vedbaek, Denmark

2.00 – 5.30 PM  **Session V: RNAi: In vivo, in vitro Delivery & Drug Target Validation**

**Session Chair: Roberto Weinmann, PhD.**
Director of Oncology Drug Discovery
Bristol-Myers Squibb, Princeton, NJ

2.00 – 2.25 PM:  **Stefen Panzner, PhD.**
Chief Executive Officer
Novosom AG, Halle, Germany

**Title:** TBA

2.25 – 2.50 PM:  **Andrea Ventura, MD., PhD.**
Post doctoral Fellow in the Lab of Professor Tyler Jacks
Massachusetts Institute of Technology
Center for Cancer Research, Cambridge, MA

**Title:** Conditional Cre-lox regulated RNAi

2.50 – 3.15 PM:  **Klaus Giese, PhD.**
CSO and VP Research
atugen AG, Berlin, Germany

**Title:** In vivo studies with liposomally formulated siRNAs: Efficacy, Toxicity and Distribution

3.15 – 4.15 PM  **Refreshment Break (I hr) Poster viewing and Exhibits**
Sponsored by Atugen AG and SR Pharma

4.15 – 4.40 PM  **Mark J. Murray, PhD.**
Chief Executive Officer
Protiva Biotherapeutics Inc. Burnaby BC, Canada

**Title:** TBA
4.40 – 5.05 PM: Donald Jackson, PhD.
Sr. Research Investigator I
Applied Genomics Department
Bristol-Myers Squibb Pharmaceutical Research Institute, Princeton, NJ
Title: RNAi for Oncology Target Discovery and Validation

5.05 – 5.30 PM: Zaklina Strezoska, PhD.
Senior Scientist, Target Biology
ALTANA Research Institute, Waltham, MA
Title: Functional Screening of kinases using a siRNA library to identify cancer targets

5.30 – 5.35 PM: End of Day 2 Sessions

5.35 – 6.00 PM: Poster and Exhibit booth viewing, & Judging Best Poster, Best Company in the RNAi field

6.00 – 8.30 PM: Networking. Dinner will be provided at Mezzanine Hall
Sponsored by GeneExpression Systems, Inc.

Day 3: Wednesday, May 3

7:30 A.M: Registration Open

7:30 – 9:00 AM: Continental breakfast

8.15 – 8.45 AM: Johan Pihl, PhD. (Industry Poster Abstract chosen for Oral Presentation)
Senior Scientist
Cellectricon AB, Gothenburg, Sweden
Title: Delivery of siRNAs Directly into Adherent Cells by Capillary Electroporation

8.45 - 9.00 AM: Break (15 min.)

9.00 - 9.10 AM: Announcement & Presentation of
Lifetime Achievement Award to Dr. Richard Roberts

9.10 – 9.50 AM: Inaugural Lecture by
Richard J. Roberts, PhD. Nobel Laureate 1993 (Medicine & Physiology)
Chief Scientific Officer
New England Biolabs, Inc., Ipswich, MA
Title: The Genomics of Restriction and Modification

9.50 – 10.30 AM: Keynote Lecture by
Jason Moffat, PhD.
RNAi Consortium Group, Whitehead Institute
Massachusetts Institute of Technology, Cambridge, MA
Title: High throughput Genome-wide RNAi Libraries
Sponsored by Sigma-Aldrich Company

10.30 – 12.30 AM: Session VI: Drug & Therapeutic Development
Session Chair: Jason Moffat
Whitehead Institute, MIT, Cambridge, MA

10.30 – 10.55 AM: Weilin Wu, Ph.D.
Center for Genomics and Bioinformatics
Karolinska Institute, Stockholm, Sweden

**Title:** Identification of an integral ER protein confers resistance to microtubule targeted drugs through RNAi screening on mammalian cells

**10.55 - 11.10 AM**

* A.M. Break (15 min) Poster viewing and Exhibits
  * Sponsored by siRNAsense AS, Norway

**11.10 – 11.35 AM**

Mohammed Amarzguioui, PhD.
Research Director, siRNAsense AS, Oslo, Norway

**Title:** SiRNAsense – Development of RNAi Therapeutics for Cancer

**11.35 – 12.00 PM:**

Kuan-Teh Jeang, MD., PhD. (On his own private time)
Head of Molecular Virology Section, NIAID
National Institutes of Health, Bethesda, MD

**Title:** Role of microRNAs in the HIV-1 lifecycle

**12.00 – 12.15 PM**

Lisa N. Putral (Poster Abstract chosen for Oral Presentation)
PhD Student in the Laboratory of Professor Nigel A.J. McMillan
Centre for Immunology and Cancer Research
Princess Alexandra Hospital, Univ. of Queensland, Brisbane, Australia

**Title:** Silencing of Human Papillomavirus Oncogenes Using RNA Interference

**12.15 – 12.30 PM**

Philipp Leuschner, PhD. (Poster Abstract chosen for Oral Presentation)
Postdoctoral Fellow in the Laboratory of Dr. Javier Martinez
Institute of Molecular Biotechnology
The Austrian Academy of Sciences, Vienna, Austria

**Title:** Post-transcriptional regulation of tissue-specific microRNA expression

**12.30 – 1.30 PM:**

Lunch Break (1 hr) Will be provided at Mezzanine Hall
  * Sponsored by Dharmacon

**1.30 – 3.00 PM:** Session VII: High throughput and Genome-wide Libraries
  * Session Chair: Eric Lader

**1.30 - 2.00 PM**

Ihor Lemischka, PhD.
Professor of Molecular Biology
Princeton University, Princeton, NJ

**Title:** RNAi Process in Stem Cells

**2.00 – 2.30 PM**

Sarah Haigh, PhD. (Poster Abstract chosen for Oral Presentation)
Postdoctoral Research Fellow
Tufts University Medical School, Boston, MA

**Title:** RNAi-Based Pathway Analysis Using High Content Analysis of Non-Adherent Primary Cells

**2.30 – 3.00 PM:**

Shi-Hsiang Shen, Ph.D.
Principal Research Officer
National Research Council (NRC) of Canada
Biotech Research Institute, Montreal, Quebec, Canada

**Title:** High-throughput screening of effective siRNAs/shRNAs from RNAi libraries delivered directly from bacteria to mammalian cells via bacterial invasion
3.00 - 3.15 PM  
**Break (15 min) Poster viewing and Exhibits**

**3.15 PM: Removal of Posters and Exhibit booths**

**3.15 – 4.15 PM: Session VIII. Panel Discussion**

3.15 - 3.20 PM  
Best Poster, Outstanding Abstract and Best Reagent Company Awards Announcement

3.20 – 3.25 PM:  
Krishnarao Appasani, PhD., MBA. Moderator
Introduction of the Panel Members

**Interactive Panel Discussion with experts from:**
- Technology Licensing Officer from University  
  - TBA
- Partner from an Investment Company  
  - TBA
- Counselors at Law from a Law firm  
  - TBA
- Executive from Reagent Company  
  - TBA
- Editor from a Science Journal  
  - TBA
- Editor from a Business Journal  
  - TBA
- and selected speakers from this conference.  
  - TBA

**4.15 PM: CLOSING REMARKS BY THE CHAIRMAN**

* Speaker names, titles and order may subject to change.

Font sizes of some of the presentations might be changed during the production of this proceeding. GES is not responsible for such changes.

Materials presented in this book/website should not be reproduced without the permission of GeneExpression Systems, Inc.

©
GeneExpression Systems, Inc. 2006