



International Symposium Celebrating a Decade of GeneCards Genomic Databases for Future Medicine

Thursday, 15 November 2007, Ebner Auditorium, Weizmann Institute of Science

Scientific Program

- 9:00-9:15 **OPENING: Greetings**
Haim Garty, Vice President, **Doron Lancet**, Molecular Genetics, WIS, Israel
- 9:15-10:00 **KEYNOTE: What Do We Do with All this Data?**
David Landsman, Chief, Computational Biology Branch, NCBI, NIH, USA
- 10:00-10:35 **Epigenomics of Human Promoters**
Michael Rebhan, Head of Bioinformatics, Friedrich Miescher Institute, Basel, Switzerland
- 10:35-10:55 **Coffee**
- 10:55-11:30 **Proteopedia - a Tool to Make 3D Structural Data More Comprehensible**
Joel Sussman, Structural Biology, WIS, Israel
- 11:30-12:05 **Integration and Analysis of Complex, Heterogeneous and Interrelated Biological Data - Towards a New Generation of Biological Databases**
Golan Yona, Cornell University, USA, & Technion, Israel
- 12:05-12:40 **GeneCards: Past, Present, and Future**
Marilyn Safran, Biological Services, WIS, Israel
- 12:40-14:00 **Lunch**
- 14:00-14:35 **Quantitative Models for Transcriptional Regulation: From Genomes to Genomica**
Eran Segal, Computer Science & Applied Mathematics, WIS, Israel
- 14:35-14:50 **INDUSTRY SESSION: Opening**
Mudi Sheves, VP Technology Transfer, **Amir Naiberg**, CEO, Yeda R&D Company, WIS, Israel
- 14:50-15:10 **A Case Study of a Successful Collaboration Between Innovative Academic Research and Entrepreneurial Business**
David Warshawsky, CEO, Xennex Inc., Cambridge, MA, USA
- 15:10-15:45 **MicroRNA from the Bedside to the Bench**
Dalia Cohen, Exec VP, Head R&D, Rosetta Genomics, No. Brunswick, NJ, USA, & Rehovot, Israel
- 15:45-16:05 **Coffee**
- 16:05-16:40 **A Causal Framework for Modeling Biological Systems, and its Application to Defining the Molecular Mechanisms in a Prostate Cancer Androgen Independence in-vitro Model**
Christian Reich, Vice President Scientific Research, GenStruct, Cambridge, MA, USA
- 16:40-17:25 **KEYNOTE: Annotating all Human Proteins: Toward Completion of the First Survey of the Human Proteome**
Amos Bairoch, Swiss Institute of Bioinformatics, Geneva, Switzerland
- 17:25-17:30 **Conclusion**

We thank the Symposium's sponsors:

- WIS Crown Human Genome Center
- The Maurice and Gabriela Goldschleger Conference Foundation at WIS
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- WIS Institute of Biomaterials, Faculty of Mathematics and Computer Science
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- The Israel Structural Proteomics Center (ISPC)
- Xennex, Inc.