



Conseil Pasteur-Weizmann



מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE

23rd Pasteur - Weizmann Symposium

Non-coding RNAs and their roles in the regulation of gene expression

June 11-12, 2012
The David Lopatie
Conference Centre,
Weizmann Institute of Science,
Rehovot, Israel

Monday June 11

- 08:30 *Gathering, coffee*
- 09:00 **Opening ceremony:**
Chair: **Michel Goldberg, Robert Parienti, David Mirelman, Fernando Arenzana-Seisdedos, Eran Horenstein**
- Welcome: Prof. Daniel Zajfman**, President, Weizmann Institute of Science
- 09:20 Plenary lecture I: **Phil Sharp, M.I.T, USA**
Regulation and function of small RNA pathways
- Session I: small RNA in Bacteria**
Chair: **Fernando Arenzana-Seisdedos**
- 10:10 **Carmen Buchrieser**
Life cycle dependent virulence regulation in *Legionella pneumophila*
- 10:35 *Coffee break*
- 11:05 **Pascale Cossart**
New concepts in RNA-mediated regulation: lessons from the bacterial pathogen *Listeria monocytogenes*
- 11:30 **Rotem Sorek**
The landscape of the bacterial transcriptome
- 11:55 **Hilde de Reuse**
RNA metabolism in the gastric pathogen *Helicobacter pylori*
- 12:20 **Nancy Guillen**
Small RNA impacts our view of pathogenesis
- 12:45 *Lunch break*
- Session II: small RNA in disease**
Chair: **Adi Kimchi**
- 13:45 **Chung Chau Hon**
Natural antisense transcripts and endogenous small RNAs in *Entamoeba* species
- 14:10 **Moshe Oren**
miRNA in lung cancer
- 14:35 **Varda Rotter**
miRNAs and the p53 pathway
- 15:00 **Yosef Yarden**
EGFR signaling and miRNAs
- 15:25 *Coffee break*
- Session III: miRNA in the brain**
Chair: **Ori Peles**
- 15:55 **Alon Chen**
miRNA regulation of stress-induced behaviors
- 16:20 **Eran Hornstein**
miRNA in neurodegeneration

Tuesday June 12

- 08:50 *Gathering, coffee*
- Session IV: Plant non-coding RNAs**
Chair: **Avi Levy**
- 09:10 Plenary lecture II: **David Baulcombe, Cambridge, U., UK**
Small RNAs in plants
- 10:00 **Yuval Eshed**
Evolutionary conserved sensors of small RNA biogenesis
- 10:25 *Coffee break*
- Session V: miRNA in eukaryotes**
Chair: **Yosef Shaul**
- 10:45 **Benny Geiger**
Regulation of osteoclast differentiation and function
- 11:10 **Philip Avner**
Rethinking the X-inactivation paradigm
- Session VI: miRNA in immunity**
Chair: **Tsvee Lapidot**
- 11:35 **Christian Muchardt**
Chromatin silencing in autoimmune diseases
- 12:00 **Lluis Quintana Murci**
MicroRNA diversity in humans: evolution and infection
- 12:25 *Lunch break*
- 13:30 **Steffen Jung**
MiRNA regulation of Mononuclear Phagocyte development
- 13:55 **Yoram Groner**
Regulatory interplay of miRNAs and transcription factors during megakaryopoiesis
- Session VII: Novel mechanisms of small RNA function**
Chair: **Jeff Gerst**
- 14:20 **Alain Jacquier**
Yeast pervasive transcription: origin and surveillance
- 14:45 **Carla Saleh**
Viral persistent infections: RNAi meets reverse transcription
- 15:10 *Coffee break*
- 15:40 **Shula Michaeli**
The spliced leader RNA determines the life and death and social motility of trypanosomes
- 16:05 Concluding remarks

Organizing Committee:

Dr. Carla Saleh, Paris
Dr. Eran Hornstein, Rehovot
Prof. Alain Jacquier, Paris
Prof. David Mirelman, Rehovot
Prof. Michael Eisenbach, Rehovot
Prof. Moshe Oren, Rehovot

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