



I-CORE Gene Regulation in  
Complex Human Disease  
3rd Annual Conference

# Gene Expression in Complex Diseases

**Monday, Jan. 19, 2015**

**9:30 - 17:00**

Hadassah Hebrew University  
Medical Center, Hospital New  
Auditorium,  
Ein Kerem Campus, Jerusalem,  
Israel

*open to all, free of charge*



## Opening

### Plenary speaker

9:30-10:20 **Juan Valcárcel**, CRG, Barcelona:  
*Networks of alternative splicing regulation in cancer*

## I-CORE Gene Regulation in Complex Human Disease

10:20-10:30 Intro: **Eithan Galun** (HH)

10:30-10:50 **Irit Gat-Viks** (TAU): *Mechanisms underlying relationships between complex traits*

10:50-11:10 **Yinon Ben-Neriah** (HUJI): *A broad spectrum of cancer-driving inflammatory reactions*

11:10-11:30 Coffee

## I-CORE Chromatin and RNA in Gene Regulation

11:30-11:40 Intro: **Nir Friedman** (HUJI)

11:40-12:00 **Amos Tanay** (WIS): *Mapping and modelling cellular memory with single cell genomics*

12:00-12:20 **Ayelet Lamm** (Tech): *RNAi and RNA editing: a love or a hate story?*

12:20-13:00 **Roundtable**: *What's the big deal about the single cell?*

13:00-13:45 Lunch

## I-CORE Physical Approaches to Dynamic Processes in Living Systems

13:45-13:55 Intro: **Yuval Garini** (BIU)

13:55-14:15 **Tomer Kalisky** (BIU): *Single-cell genomics of renal tissues and tumors*

14:15-14:35 **Yuval Ebenstein** (TAU): *Epigenetic mapping of individual chromosomes*

## I-CORE Structural Biology of the Cell

14:35-14:45 Intro: **Gideon Schreiber** (WIS)

14:45-15:05 **Deborah Fass** (WIS): *Stitching together the smart fabric of the extracellular matrix*

15:05-15:25 **Ari Admon** (Tech): *Protein dynamics and MHC peptidomics*

## Plenary speaker

15:25-16:05 **Roderic Guigo**, CRG, Barcelona:  
*Transcriptome variation across individuals and tissues*

<http://www.icore-human-disease.org>

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