



# CyTOF Meeting 2015

May 19th, 2015

Octav Bundorf Botnar Auditorium, Weizmann Institute of Science

This meeting will focus on demonstrating the capabilities and potential of CyTOF® mass spectrometry technology from Fluidigm®. It will be an opportunity to meet with the multiparametric data analyst Jacob Levine, current local CyTOF researchers, representatives from the company and the core facilities specialists.

**Chair: Dr. Tomer M. Salame**, Weizmann Institute of Science

8:30 *Gathering and refreshments*

9:00 Opening remarks

**Prof. Robert Fluhr**, Weizmann Institute of Science

9:15 Introduction and expansion of Mass Cytometry.

**Dr. Alex Darmoise**, Fluidigm Europe

10:00 Computing phenotypic landscapes from high-dimensional single-cell data.

**Jacob Levine**, Columbia University

10:45 *Coffee break*

11:00 Uncovering T cell development in the thymus using CyTOF technology.

**Dr. Shlomit Reich-Zeliger**, Weizmann Institute of Science

11:30 Brain-immune communication: system-wide perspective.

**Dr. Asya Rolls**, Technion, Israel Institute of Technology

12:00 Gut Feeling – immune cells in colon and ileum.

**Mor Gross**, Weizmann Institute of Science

12:30 *Lunch*

13:30 Reasoning over heterogeneous cell populations.

**Dr. Shai Shen-Orr**, Technion, Israel Institute of Technology

14:00 Single-cell responses to the intestinal microbiota.

**Christoph Thaiss**, Weizmann Institute of Science

14:30 A revolution in Single-Cell Biology.

**Dr. Mark D. Lynch**, Fluidigm Europe

15:15 *Closing remarks, questions and discussion*

Registration ends at  
**May 1st, 2015**.

Final approval for registration  
will be sent by e-mail by  
**May 7th, 2015**.

<http://tiny.cc/weizmannCYTOF/>



**Organizing committee:**

**Tomer Meir Salame**, Weizmann Institute of Science | **Amir Grau**, Technion | **Amos Grundwag**, Eisenberg Bros. Ltd.

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