

**BioMed@TAU Personalized Epigenomics
Research Hub presents:**

Epigenetics, genome regulation and the impact on medicine

April 10, 2019 | 09:30- 15:30

Tel Aviv University, Steinhardt Museum of Natural History

09:30-10:00 Coffee and refreshments

10:00-10:15 Introduction

10:15-10:45 **Efrat Shema**, Weizmann Institute
Single- Molecule Epigenomics

*Decoding the Histone Code in Health and
Disease*

10:45-11:30 **Shelley L. Berger**, University of
Pennsylvania

*Histone acetylation pathways as targets in
human disease*

11:30-12:00 **Gil Ast**, Tel Aviv University
*How chromatin and epigenetics regulate
alternative splicing*

12:00-12:30 **Ran Elkon**, Tel Aviv University
*Linking genetic variation within enhancers
to human disease*

12:30-13:15 Lunch

13:15-13:45 **Yuval Ebenstein**, Tel Aviv University
Quantitative analysis of DNA modifications

13:45-14:00 *TBA**

14:00-14:30 **Carmit Levy**, Tel Aviv University
UV protection clock and systemic effect

14:30-14:45 *TBA**

14:45-15:15 **Amos Tanay**, Weizmann Institute
*The epigenetic component of early embryonic
commitment*

15:15 Closing remarks

- Abstracts to be selected from students/post-docs

Register to attend /// Abstract submission

Organized by: Prof. Yuval Ebenstein, Dr. Ran Elkon, Prof. Karen B. Avraham
For questions contact alanarhassan@tauex.tau.ac.il