SYMPOSIUM FRANCO-ISRAELIEN SUR LA BIOLOGIE DE LA CHROMATINE

FRENCH-ISRAELI INTER-ACADEMY SYMPOSIUM ON CHROMATIN BIOLOGY

7-8 juillet 2015
July 7-8, 2015

ACADEMIE DES SCIENCES DE FRANCE
French Academy of Sciences

ACADEMIE ISRAELIENNE DES SCIENCES ET HUMANITES
Israel Academy of Sciences and Humanities

COMITÉ D’ORGANISATION
ORGANIZING COMMITTEE

Geneviève ALMOUZNI
Curie Institute, Paris

Jean-François BACH
French Academy of Sciences

Moshe OREN
the Weizmann Institute of Science, Rehovot

Yosef SHILOH
Tel Aviv University

Moshe YANIV
Pasteur Institute, Paris

PARIS
Académie des sciences - Grande salle des Séances
23 quai de Conti - 75006 Paris

Inscription obligatoire, avant le 1er juillet 2015
nathalie.zajdman@academie-sciences.fr

Registration required, before July 1st, 2015
nathalie.zajdman@academie-sciences.fr
8h30 Welcome

9h Welcome addresses
Jean-François BACH, Secrétaire perpétuel of the French Academy of Sciences
Ruth ARNON, President of the Israel Academy of Sciences and Humanities
Yosef SHILOH, Israeli Co-President of the meeting
Moshe OREN, Israeli Co-President of the meeting
Geneviève ALMOUZNI, French Co-President of the meeting
Moshe YANIV, French Co-President of the meeting

SESSION I: CHROMATIN IN DEVELOPMENT AND STEM CELLS.
CHAIR: MARGARET BUCKINGHAM, PASTEUR INSTITUTE, PARIS

9h30 Howard Cedar, the Hebrew University Medical School, Jerusalem
DNA Methylation in Pre and Post Natal Development

10h Edith Heard, Curie Institute, Paris
Chromosome and Chromatin Dynamics during X-Chromosome Inactivation

10h30: coffee break

11h Yehudit Bergman, the Hebrew University Medical School, Jerusalem
Epigenetic Programming of Cell Fate Decisions

11h30 Saadi Khochbin, Albert Bonniot Institute, Grenoble
Molecular Basis of Haploid Male Genome Programming

12h Eran Meshorer, the Hebrew University, Jerusalem
Novel Chromatin Regulators of Pluripotent Stem Cells

12h30 pause déjeuner
Mardi 7 juillet, après-midi  
Tuesday July 7, afternoon

**Session II : Epigenetics and Transcription.**  
Chair: Geneviève Almouzni, Curie Institute, Paris

14h  Maria Elena Torres-Padilla, Institute of Genetics, Molecular and Cellular Biology (IGBMC), Illkirch  
*Epigenetic Mechanisms in Early Mammalian Development*

14h30  Giacomo Cavalli, Institute of Human Genetics, Montpellier  
*Polycomb Proteins and Epigenetic Inheritance of Chromatin States*

15h  Anne Dejean, Pasteur Institute, Paris  
*Chromatin Functions for SUMO*

15h30: coffee break

16h  Gil Ast, Tel Aviv University  
*How Chromatin Organization and Epigenetics Talk with Alternative Splicing?*

16h30  Yaron Shav-Tal, Bar-Ilan University, Ramat-Gan  
*Dynamics of Gene Expression in Real-Time Measured on Single Genes in Single Living Cells*

17h  Conclusion of the day
8h30  Welcome

**SESSION III: DNA REPLICATION AND REPAIR.**
**CHAIR: MOSHE YANIV, PASTEUR INSTITUTE, PARIS**

9h  Marcel Méchali, *Institute of Human Genetics, Montpellier*
*Genetic Features and Chromatin Environment Shape Mammalian Replication Origins*

9h30  Naama Barkai, *the Weizmann Institute of Science, Rehovot*
*Chromatin Dynamics During DNA Replication*

10h  Marta Radman-Livaja, *Institute of Molecular Genetics, Montpellier*
*A Timeline of Nucleosome Re-Positioning Dynamics after DNA Replication*

10h30  **coffee break**

11h  Geneviève Almouzni, *Curie Institute, Paris*
*Histone Chaperones, Architects Involved in Organizing Chromatin*

11h30  Yosef Shiloh, *Tel Aviv University*
*The ATM-Mediated DNA Damage Response: Overcoming the Chromatin Barrier*

12h  Jean-Marc Egly, *Institute of Genetics, Molecular and Cellular Biology (IGBMC), Illkirch*
*Transcription Factors Recruitment and Chromatin Remodeling*

12h30: **pause déjeuner**
**SESSION IV: CHROMATIN AND CANCER.**
**CHAIR: DANIEL LOUVARD, CURIE INSTITUTE, PARIS**

14h  Pascale Cossart, Pasteur Institute, Paris  
*Chromatin Remodeling and Bacterial Infections: Insights from Listeria*

14h30  Batsheva Kerem, the Hebrew University, Jerusalem  
*The Different Layers Determining DNA Instability in Cancer*

15h  Nabieh Ayoub, Technion – Israel Institute of Technology, Haifa  
*From Chromatin to Cancer: Studying the Biology of Histone Demethylation*

15h30  Moshe Oren, the Weizmann Institute of Science, Rehovot  
*RNF20 and H2Bub1: Linking Chromatin Modifications with Inflammation and Cancer*

16h – 16h30 concluding remarks

Closing cocktail