



INSTITUT DE FRANCE  
Académie des sciences



**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  
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Inscription obligatoire, avant le 1<sup>er</sup> juillet 2015  
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Registration required, before July 1<sup>st</sup>, 2015  
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**MARDI 7 JUILLET MATIN**  
**TUESDAY JULY 7, MORNING**

**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*



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**MARDI 7 JUILLET, APRES-MIDI**  
**TUESDAY JULY 7, AFTERNOON**

**SESSION II : EPIGENETICS AND TRANSCRIPTION.**

**CHAIR: GENEVIÈVE ALMOUZZI, 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



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**MERCREDI 8 JUILLET, MATIN**  
**WEDNESDAY JULY 8, MORNING**

**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



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**MERCREDI 8 JUILLET, APRÈS-MIDI**  
**WEDNESDAY JULY 8, AFTERNOON**

**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**