



GDR Architecture and Dynamics of the Nucleus and Genomes (ADN&G)

Workshop on the Mitotic Chromosome

January 04-05 2023,
Lyon

Day 1

Day 2

- ◆ 13:00 - 13:30 **Registration**
- ◆ 13:30 -13:45 **Welcome session**
- ◆ 13:45 – 16:10 **Afternoon session 1**
- ◆ 16:10 - 16:40 **Coffee Break**
- ◆ 16:40 - 18:25 **Afternoon session 2**
- ◆ 18:25 - 20:00 **Drinks**
- ◆ 20:00 - 22:00 **Dinner (Brasserie Georges)**

- ◆ 9:00 - 10:20 **Morning Session 1**
- ◆ 10:20 - 10:50 **Coffee Break**
- ◆ 10:50 - 12:05 **Morning Session 2**
- ◆ 12:05 - 14:00 **Posters & Lunch (Buffet)**
- ◆ 14:00 - 15:30 **Afternoon session**
- ◆ 15:30-16:00 **Conclusion & Discussion**

Day 1: Wednesday January 04, 2023		Affiliation
13:00 - 13:30	** Registration **	
13:30 - 13:45	Welcome session <ul style="list-style-type: none"> ▪ Cedric Vaillant ▪ Pascal Bernard 	
Afternoon session 1		
13:45 - 14:40	Bill Earnshaw: <i>Capturing the C in Centromeres</i>	Wellcome Centre for Cell Biology, Edinburgh, the UK
14:40 - 15:20	Pascal Bernard: <i>The impact of chromatin dynamics on condensin and mitotic chromosome assembly</i>	CNRS, ENS-Lyon, Lyon, France
15:20 - 15:45	Stéphane Marcand: <i>Condensin Regulation by a Telomere Protein</i>	CEA, Inserm, Université Paris-Saclay
15:45 – 16:10	Peter Meister: <i>Old complexes, shuffled functions</i>	University of Bern, Institute of Cell Biology
16:10 - 16:40	** Coffee Break **	
Afternoon session 2		
16:40 - 17:35	Leonid Mirny: <i>Models of mitotic chromosomes</i>	MIT, Cambridge, USA
17:35 - 18:00	Kirill Polovnikov: <i>Disentangling mitotic chromosomes through a two-stage mitotic exit</i>	CNRS, Institut Curie, Paris, France Skoltech, Moscow, Russia
18:00 - 18:25	Marco Di Stefano: <i>Biophysical models of the genome structural organization</i>	Institute of Human Genetics, University of Montpellier, CNRS
** Drinks **		
18:25 - 20:00	“El bar Debourg”, 239 Rue Marcel Mérioux, 69007 Lyon	
20h00 – 22h00	Diner at “Brasserie Georges”, 30 Cr de Verdun Perrache, 69002 Lyon	

Day 2: Thursday January 5, 2023

Affiliation

Morning session 1

9:00 - 9:40

Kazuhiro Maeshima TBA

National Institute of
Genetics, Mishima
Japan

9:40 - 10:20

Mounia Lagha: *Gene expression dynamics during the awakening of the zygotic genome*

CNRS, IGMM, Montpellier
France

10:20 - 10:50

** Coffee Break **

Morning session 2

10:50 – 11:15

Daniel Fisher: *A CDK-mediated phosphorylation switch of disordered protein condensation at mitosis*

IGMM, University of
Montpellier, CNRS

11:15 -11:40

Jérémie Lebreton: *RNA degradation promotes condensin-mediated chromosome segregation*

CNRS, ENS-Lyon,
Lyon, France

11:40 – 12:05

Vinciane Piveteau: *Role of chromatin loop length regulation on genome maintenance*

CNRS, ENS-Lyon,
Lyon, France

12:05 - 14:00

** Posters & Lunch (buffet)**

Afternoon session

14:00 - 14:40

Jean-Marc Victor, *Ultrastructure of mitotic chromosomes revisited by cryo-ET and numerical simulations*

CNRS,
Sorbonne Université,
Paris, France

14:40 - 15:05

Ralf Everaers: *Chromosome rearrangements during telophase and their interphase structure*

CNRS, ENS-Lyon,
Lyon, France

15:05 - 15:30

Geneviève FOUREL: *Memory of active state, memory of repressed state: a historical perspective*

CNRS, ENS-Lyon,
Lyon, France

15:30 - 16:00

** Conclusion & Discussion**