

**Troisième réunion du GDR  
Architecture et Dynamique  
Nucléaire (ADN)**

**Report of Contributions**

Contribution ID: 15

Type: **not specified**

## **Nuclear compartmentalization and genome integrity: differential regulation of DNA repair and DNA damage response at nuclear lamina and nuclear pores**

*Thursday, April 10, 2014 5:55 PM (25 minutes)*

**Primary author:** Dr SOUTOGLOU, Evi (IGBMC)

**Presenter:** Dr SOUTOGLOU, Evi (IGBMC)

**Session Classification:** Nouvelles équipes 2

Contribution ID: 16

Type: **not specified**

## **Epigenetics of chromosome folding on the fly**

*Thursday, April 10, 2014 4:50 PM (40 minutes)*

**Primary author:** Dr CAVALLI, Giacomo (CNRS)

**Co-author:** CARRIVAIN, Pascal (LPTMC)

**Presenter:** Dr CAVALLI, Giacomo (CNRS)

Contribution ID: 17

Type: **not specified**

## **Epigenetics and chromatin dynamics in gametes**

*Thursday, April 10, 2014 2:40 PM (25 minutes)*

**Primary author:** Mr GOVIN, Jerome (Unité Biologie à Grande Echelle)

**Presenter:** Mr GOVIN, Jerome (Unité Biologie à Grande Echelle)

**Session Classification:** Nouvelles équipes 1

Contribution ID: 19

Type: **not specified**

## **Architecture et dynamique nucléaire: une vision quantitative est-elle accessible?**

*Thursday, April 10, 2014 6:20 PM (30 minutes)*

**Primary author:** Dr LAVELLE, Christophe (CNRS)

**Presenter:** Dr LAVELLE, Christophe (CNRS)

Contribution ID: 20

Type: **not specified**

## **Transcriptional interaction between adjacent genes**

*Friday, April 11, 2014 9:25 AM (25 minutes)*

**Primary author:** Mr MEYER, Sam (LIRIS, INSA Lyon, INRIA)

**Co-authors:** Mr BESLON, Guillaume (LIRIS, INSA Lyon); Mr GANDRILLON, Olivier (CGPhiMC, Univ. Lyon I)

**Presenter:** Mr MEYER, Sam (LIRIS, INSA Lyon, INRIA)

**Session Classification:** Actualités 1

Contribution ID: 21

Type: **not specified**

## **Unwinding dynamics of a helically wrapped polymer: a model for single biomolecules ?**

*Thursday, April 10, 2014 3:30 PM (25 minutes)*

**Primary author:** Mr WALTER, Jean-Charles (LCC, Université de Montpellier)

**Presenter:** Mr WALTER, Jean-Charles (LCC, Université de Montpellier)

**Session Classification:** Nouvelles équipes 1

**Track Classification:** 1. équipes nouvelles

Contribution ID: 22

Type: **not specified**

## **Role of chromatin organization in HoxA gene regulation**

*Friday, April 11, 2014 9:00 AM (25 minutes)*

**Primary author:** Dr BERLIVET, Soizik (Institut de Génétique Moléculaire de Montpellier)

**Presenter:** Dr BERLIVET, Soizik (Institut de Génétique Moléculaire de Montpellier)

**Session Classification:** Actualités 1

**Track Classification:** 3. j'ai une question



Contribution ID: 23

Type: **not specified**

## **Epigenetic control of developmental noise.**

*Thursday, April 10, 2014 5:30 PM (25 minutes)*

**Primary author:** Dr PERONNET, Frederique (CNRS)

**Presenter:** Dr PERONNET, Frederique (CNRS)

**Session Classification:** Nouvelles équipes 2

**Track Classification:** 2. actualités

Contribution ID: 26

Type: **not specified**

## **Gene expression as a function of genome position, implications on growth rate and growth phase dependence of nucleoid organization.**

*Thursday, April 10, 2014 3:55 PM (25 minutes)*

The bacterial genome is not uniformly organized, with binding sites for nucleoid associated proteins and topoisomerases found in clusters or in a gradient from the origin to the terminus, in addition the position of several key genes regulating cellular growth and adaptation is conserved when comparing the known gamma proteobacterial genomes. We thus asked whether the position of a gene can influence its expression and its regulation in response to stress. We have used a fluorescent protein reporter construct at six different positions along the chromosome in order to address this question.

**Presenter:** Dr SCLAVI, Bianca (LBPA, UMR 8113)

**Session Classification:** Nouvelles équipes 1

Contribution ID: 32

Type: **not specified**

## **Romain Koszul– Structure and maintenance of the two chromosomes of *Vibrio cholerae***

*Friday, April 11, 2014 11:35 AM (25 minutes)*

**Session Classification:** Actualités 2

Contribution ID: 34

Type: **not specified**

## **Models for the evolution of GC content in the asexual fungi *Candida albicans* and *Candida dubliniensis***

*Friday, April 11, 2014 10:15 AM (25 minutes)*

**Primary author:** MARSOLIER-KERGOAT, Marie-Claude (CEA/Saclay)

**Presenter:** MARSOLIER-KERGOAT, Marie-Claude (CEA/Saclay)

**Session Classification:** Actualités 1

Contribution ID: 35

Type: **not specified**

## **Influence of actin on telomere positioning and dynamics**

*Friday, April 11, 2014 12:00 PM (25 minutes)*

**Primary authors:** Dr FABRE, Emmanuelle (CNRS); Ms SPICHAL, Maya (Institut Pasteur); Dr KOSZUL, Romain (Institut Pasteur CNRS)

**Presenter:** Ms SPICHAL, Maya (Institut Pasteur)

**Session Classification:** Actualités 2

Contribution ID: 36

Type: **not specified**

## **Le séquençage haut-débit: un microscope d'un genre nouveau pour sonder l'architecture des génomes**

*Friday, April 11, 2014 11:10 AM (25 minutes)*

**Primary author:** Dr MOZZICONACCI, julien (lptmc)

**Presenter:** Dr MOZZICONACCI, julien (lptmc)

**Session Classification:** Actualités 2

Contribution ID: 37

Type: **not specified**

## **A TRiP to Drosophila chromatin**

*Friday, April 11, 2014 12:25 PM (25 minutes)*

**Primary author:** Dr FILION, Guillaume (CRG)

**Presenter:** Dr FILION, Guillaume (CRG)

**Session Classification:** Actualités 2

Contribution ID: 38

Type: **not specified**

## **Genetic and epigenetic signatures of DNA replication origins**

*Thursday, April 10, 2014 2:00 PM (40 minutes)*

**Primary author:** Dr MÉCHALI, Marcel (Institute of Human Genetics, CNRS)

**Presenter:** Dr MÉCHALI, Marcel (Institute of Human Genetics, CNRS)



Contribution ID: 41

Type: **not specified**

## **Does nuclear aggregation affect organization of the nucleus ?**

*Thursday, April 10, 2014 3:05 PM (25 minutes)*

**Primary author:** Dr MILLOT, Gael (UPMC - Institut Curie)

**Presenter:** Dr MILLOT, Gael (UPMC - Institut Curie)

**Session Classification:** Nouvelles équipes 1

Contribution ID: 42

Type: **not specified**

## **Chromatin folding in estrogen regulated transcription**

*Friday, April 11, 2014 9:50 AM (25 minutes)*

**Primary author:** BYSTRICKY, Kerstin (Universite de Toulouse)

**Presenter:** BYSTRICKY, Kerstin (Universite de Toulouse)

**Session Classification:** Actualités 1

**Track Classification:** 2. actualités