

Research Theoretical Course #1

“Genome stability maintenance and sister chromatid cohesion”

Schedule (March – July 2024; Zoom platform)

1. **Yasuto Murayama** (National Institute of Genetics, Mishima, Shizuoka, Japan)

Title: *“Biochemical analysis of sister chromatid cohesion with purified proteins”*

28 March (Thursday), 11:00 CET

2. **Lucian Moldovan** (The Pennsylvania State University College of Medicine, Hershey, PA, USA)

Title: *“Regulation of replication fork stability by PCNA and the BRCA pathway”*

22 April (Monday), 14:00 CET

3. **Stephan Gruber** (Universität de Lausanne, Lausanne, Switzerland)

Title: *“SMC-based detection of extrachromosomal DNA by ‘true’ DNA loop extrusion”*

9 May (Thursday), 16:30 CET

4. **Alessandro Vindigni** (Washington University School of Medicine in St. Louis, MO, USA)

Title: *“Mechanisms of DNA replication stress in cancer”*

23 May (Thursday), 16:30 CET

5. **Madhusudhan Srinivasan** (University of Oxford, Oxford, United Kingdom)

Title: *“Sister chromatid cohesion establishment during DNA replication termination”*

31 May (Friday), 16:30 CET

6. **Hasan Yardimci** (The Francis Crick Institute, London, United Kingdom)

Title: *“Visualizing chromatin replication one molecule at a time”*

14 June (Friday), 16:30 CET

7. **Helle Ulrich** (Institute of Molecular Biology gGmbH, Mainz, Germany)

Title: *“Ubiquitin signalling and synthetic lethality in DNA damage bypass”*

24 June (Monday), 16:30 CET

8. **Vincenzo Costanzo** (IFOM ETS & University of Milan, Milan, Italy)

Title: *“Understanding causes and consequences of DNA replication stress in Vertebrates”*

2 July (Tuesday), 16:30 CET

9. **Frederic Beckouet** (CBI, Université de Toulouse, CNRS, Toulouse, France)

Title: *TBA*

26 July (Friday), 16:30 CET