



# BioValley Science Day

Tuesday, September 21, 2010

**Event Partners: F. Hoffmann-La Roche AG and University of Basel**

## Epigenetics and Stem Cells

- 08.30 – 08.35 Welcome  
*Christian Suter, BioValley Basel (Basel, CH)*  
*Peter Meier-Abt, University of Basel (Basel, CH)*
- 08.35 – 08.55 Cell cycle control of chromosome segregation  
*Erich Nigg, Biozentrum, University of Basel (Basel, CH)*
- 08.55 – 09.20 Resetting the lineage clock – how does reprogramming work?  
*Amanda Fisher, MRC Clinical Sciences Centre (London, UK)*
- 09.20 – 09.45 Epigenome reprogramming during cellular differentiation  
*Dirk Schübeler, FMI (Basel, CH)*
- 09.45 – 10.15 Transgenerational epigenetic control of early mouse development  
*Antoine Peters, FMI (Basel, CH)*
- 10.15 – 10.45 Coffee Break
- 10.45 – 11.10 A nuclear cause of muscular dystrophy: lessons from worms  
*Susan M. Gasser (Basel, CH)*
- 11.10 – 11.35 News from the invasive cancer front  
*Gerhard Christofori, University of Basel (Basel, CH)*
- 11.35 – 12.00 Max M. Burger Award
- 12.00 – 14.00 Lunch & Poster Session

## Small RNAs and Plant Genetics

- 14.00 – 14.25 Do plants have a memory?  
*Barbara Hohn, FMI (Basel, CH)*
- 14.25 – 14.50 Regulation of microRNA function and metabolism in mammalian cells  
*Witek Filipowicz, FMI (Basel, CH)*
- 14.50 – 15.15 Antisense RNA and transcriptional gene silencing in budding yeast  
*Françoise Stutz, University of Geneva (Geneva, CH)*
- 15.15 – 15.45 Signaling within the mammalian circadian timing system  
*Ueli Schibler, University of Geneva (Geneva, CH)*
- 15.45 – 16.15 Coffee Break
- 16.15 – 16.40 Embryonic lethality of TDG-deficient mice reveals a function of TDG in the maintenance of epigenetic stability  
*Daniel Cortazar, University of Basel (Basel, CH)*
- 16.40 – 17.05 The FLS2 receptor: a flag for plant science at FMI  
*Thomas Boller, University of Basel (Basel, CH)*
- 17.05 – 17.30 The inflammasomes: Good danger sensors turn bad  
*Jürg Tschopp, University of Lausanne (Lausanne, CH)*
- 17.30 BioValley Poster Award  
*Peter-Meier Abt, University of Basel (Basel, CH)*  
*Susan M. Gasser, FMI (Basel, CH)*