

Programme of the  
**10<sup>th</sup> public MMPU Research Day**  
19 October 2012, 13 - 17 o'clock  
ZMBH, Im Neuenheimer Feld 282, Seminar Room 001, 69120 Heidelberg

- 13:00 – 13:20  **The role of the Gag SP2 domain in HIV maturation**  
**Barbara Müller** – MMPU group HIV 1 formation and its inhibition
- 13:20 – 14:05  **Pharmacological & Genetic Tools to Study Pain and Temperature Sensation**  
**Jan Siemens** – Guest of MMPU group Chronic Pain
- 14:05 – 14:25  **Role of microRNA-148b in Chronic Lung Disease of  $\beta$ ENaC-overexpressing Mice**  
**Raman Agrawal** – MMPU group Cystic Fibrosis
- 14:30 – 15:00 **Coffee Break**
- 15:00 – 15:20  **Early Warning Signals of Aging in the Hematopoietic Stem Cell Niche**  
**Marco Hennrich** – MMPU group Stem Cells and Aging
- 15:20 – 15:40  **RNAi-based Functional Profiling of Loci from Blood Lipid Genome-wide Association Studies identifies Genes with Cholesterol-regulatory Function**  
**Peter Blattmann** – MMPU group Cholesterol Regulation
- 15:40 – 16:00  **Characterization of the Local Immune Response against Vulvar and Cervical Intraepithelial Neoplasia**  
**Madeleine Sauer** – MMPU group Cancer Early Detection
- 16:00 – 16:20  **The IRP/IRE System is Critical for Macrophage-mediated Innate Immunity against Salmonella**  
**Bruno Galy** – MMPU group Iron Homeostasis
- 16:20 – 16:40  **Studying Protein-RNA Interactions and Transcript Processing with iCLIP and pA-seq**  
**Tomaz Curk** – MMPU group Diseases of mRNA metabolism
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