

**Wednesday, December 16, 2015**

**Max Delbrück Communications Center, Axon 1**

**MDC Berlin-Buch, Robert-Rössle-Str. 10, 13125 Berlin**

# SYMPOSIUM

## INDEPENDENT JUNIOR GROUP LEADERS IN SYSTEMS BIOLOGY

09:30 - 09:45	<b>Nikolaus Rajewsky</b> MDC Berlin	Introduction
09:45 - 10:20	<b>Ivana Bozic</b> Harvard University Cambridge	Evolutionary dynamics of cancer and its response to therapy
10:20 - 10:55	<b>Mainak Guha Roy</b> VIB Brussels	Design principles based on structural disorder regulating intra-cellular protein degradation: dissecting links to human diseases
10:55 - 11:15	coffee break	
11:15 - 11:50	<b>Anton Polyansky</b> University of Vienna	Multilayer interconnection between proteins and messenger RNAs: functional and evolutionary aspects
11:50 - 12:25	<b>Roland Schwarz</b> EMBL-EBI Hinxton	Intra-tumour heterogeneity and genomic rearrangements in human solid cancers
12:25 - 13:30	lunch break	
13:30 - 14:05	<b>Massimiliano Caiazzo</b> EPFL Lausanne	Directing cell reprogramming through microenvironment modulation
14:05 - 14:40	<b>Jarno Drost</b> Hubrecht Institute Utrecht	Modelling colorectal cancer in human intestinal organoids
14:40 - 15:15	<b>Stefan Florian</b> Harvard Medical School Boston	Why do microtubule binding drugs kill cancerous rather than normal tissues?
15:15 - 15:35	coffee break	
15:35 - 16:10	<b>Marko Jovanovic</b> Broad Institute Cambridge	Quantitative dissection of protein dynamics in the immune system
16:10 - 16:45	<b>Marisa Karow</b> LMU Munich	Programming and reprogramming of human neurons in the tissue context of cerebral organoids