

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	Nikolaus Rajewsky MDC Berlin	Introduction
09:45 - 10:20	Ivana Bozic Harvard University Cambridge	Evolutionary dynamics of cancer and its response to therapy
10:20 - 10:55	Mainak Guha Roy 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	Anton Polyansky University of Vienna	Multilayer interconnection between proteins and messenger RNAs: functional and evolutionary aspects
11:50 - 12:25	Roland Schwarz EMBL-EBI Hinxton	Intra-tumour heterogeneity and genomic rearrangements in human solid cancers
12:25 - 13:30	lunch break	
13:30 - 14:05	Massimiliano Caiazzo EPFL Lausanne	Directing cell reprogramming through microenvironment modulation
14:05 - 14:40	Jarno Drost Hubrecht Institute Utrecht	Modelling colorectal cancer in human intestinal organoids
14:40 - 15:15	Stefan Florian 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	Marko Jovanovic Broad Institute Cambridge	Quantitative dissection of protein dynamics in the immune system
16:10 - 16:45	Marisa Karow LMU Munich	Programming and reprogramming of human neurons in the tissue context of cerebral organoids