MDC MAX DELBRÜCK CENTER FOR MOLECULAR MEDICINE BERLIN-BUCH
BIMSB THE BERLIN INSTITUTE FOR MEDICAL SYSTEMS BIOLOGY

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Tuesday, January 20 and Wednesday, January 21, 2015
Max Delbrück Communications Center, Axon 1
MDC Berlin-Buch, Robert-Rössle-Str. 10, 13125 Berlin

SYMPOSIUM

INDEPENDENT JUNIOR GROUP LEADERS IN SYSTEMS BIOLOGY

January 20		
09:00 - 10:45	**Nikolaus Rajewsky** MDC Berlin	**Welcome**
	Tuncay Baubec FMI Basel	**Context-specific regulation and function of epigenomic patterns**
	Simon Anders EMBL Heidelberg	**Comparative analysis of omics data**
	Susanne Bechstedt McGill University Montréal	**Control of microtubule architecture by MAPs**
11:10 - 12:40	**Abdullah Kahraman** University of Zürich	**Combining computational, structural and systems biology to study oncogenesis**
	Germano Cecere Columbia University Medical College New York	**Transcriptional and epigenetic regulation by short RNAs**
	Elzo de Wit Hubrecht Institute Utrecht	**3D organization of the genome: fundamental principles and practical applications**
13:30 - 15:00	**Daniel Cifuentes-Buira** Yale School of Medicine New Haven	**Decyphering the post-transcriptional regulatory networks during early vertebrate embryogenesis**
	Michael Kuhn TU & MPI Dresden	**Comparing tissue formation and regeneration across species using tissue-specific gene expression patterns**
	Jan Philipp Junker Hubrecht Institute Utrecht	**Genome-wide RNA tomography in the zebrafish embryo**
15:20 - 16:50	**Vladimir Teif** DKFZ Heidelberg	**Predicting differential transcription factor binding during cell transformations**
	Björn Hegemann ETH Zürich	**A cellular system for spatial signal decoding**
	Stephan Preibisch Albert Einstein College of Medicine New York	**Computational models and transcription imaging in *C. elegans***
January 21		
09:00 - 10:30	**Anna Kicheva** MRC National Institute for Medical Research London	**Coordination of progenitor specification and growth in the spinal cord**
	Sebastian Pechmann Stanford University	**Understanding protein homeostasis at the systems level**
	Miriam Osterfield Princeton University	**3D epithelial morphogenesis in drosophilids**