

BIMSB – MPI-CBG retreat
24 - 25 November 2014
Axon 2, MDC.C

Monday, 24 November		
Session 1 Chair Tony Hyman	14.30	Gene Myers - Systems Biology in Dresden
	14.40	Gene Myers - Light-based systems biology
	15.00	Pavel Tomancak - Open access hardware and open source software for systems biology
	15.20	Ivo Sbalzarini - Developments in scientific computing for image-based systems biology
	15.40	Tea & coffee
Session 2 Chair Ana Pombo	16.00	Nikolaus Rajewsky - BIMSB
	16.10	Nikolaus Rajewsky - Regulatory RNAs
	16.30	Markus Landthaler – High throughput approaches to study the protein-RNA interactive
	16.50	Matthias Selbach - Proteome dynamics
	17.10	discussion
Restaurant “Prater” Kastanienallee 7 – 9, 10435 Berlin 030 448 56 88	19.30	Dinner
Tuesday, 25 November		
Session 3 Chair Nikolaus Rajewsky	09.00	Alex Löwer – To respond and adapt: long-term dynamics of TGFbeta signaling in single cells
	09.20	Tony Hyman - Liquid like compartments in cells: Implications for polarity and disease
	09.40	Teymuras Kurzchalia - The systemic response of <i>C. elegans</i> dauer larva to desiccation
	10.00	Stefan Kempa - Treating cancer cells with sugar
	10.20	Tea & coffee
Session 4 Chair Uwe Ohler	10.00	Uwe Ohler - High-resolution tracking and quantification of transcription and translation via deep sequencing
	11.20	Baris Tursun – Safeguarding differentiation
	11.40	Marino Zerial - Multi-scale analysis of cell and tissue organization
	12.00	lunch
Session 5 Chair Marino Zerial	13.00	Robert Zinzen - Towards a systems understanding of nervous system development
	13.20	Misho Sarov - Transgenic resources for systems biology
	13.40	Frank Buchholz - Systems dissection of pluripotent stem cells
	14.00	Tea & coffee
Session 6 Chair Francis Stewart	14.20	Francis Stewart - Systematic analysis of the transition from ESC to NSC
	14.40	Ana Pombo - Polycomb repression acts through destabilization of nascent transcripts
	15.00	discussion