

08:00 - 09:00	Registration & Coffee		<i>Foyer</i>
Session 1 Chair: <i>Vijay Tiwari</i> , IMB, Mainz			
09:00 - 09:15	<i>Christof Niehrs</i>	Founding & Scientific Director, IMB, Mainz	Welcome
	<i>Vijay Tiwari</i>	Group Leader, IMB, Mainz	Introduction to the symposium
09:15 - 09:45	<i>Scott Armstrong</i>	Harvard Medical School, Boston, USA	Targeting epigenetic mechanisms in leukemia
09:45 - 10:15	<i>Philip Avner</i>	EMBL, Monterotondo, Italy	Initiating random X-inactivation in the mouse
10:15 - 10:30	<i>Oliver Krämer</i>	University Medical Center, Mainz	Modulation of checkpoint kinase signalling through class I HDACs and phosphatase PP2A
10:30 - 10:45	<i>Kian Koh</i>	University of Leuven, Belgium	Neural tube defects in the absence of DNA oxygenase TET1
10:45 - 11:15	Coffee Break & Discussions		<i>Foyer/Atrium</i>
Session 2 Chair: <i>Stephan Grabbe</i> , University Medical Center, Mainz			
11:15 - 11:45	<i>Stephen Baylin</i>	Johns Hopkins University, Baltimore, USA	The cancer epigenome and immunity – a key to cancer management?
11:45 - 12:15	<i>Philip A Marsden</i>	University of Toronto, Canada	Newer concepts that address why and where atherosclerosis occurs: a role for epigenetics
12:15 - 12:30	<i>Behfar Ardehali</i>	Massachusetts General Hospital, Boston, USA	Examining the target specificity and substrate diversity of PRC2-EZH2 methyltransferase complex
12:30 - 12:45	<i>Michael Daskalakis</i>	German Cancer Research Center (DKFZ), Heidelberg, Germany	DNMT- and HDAC-inhibitors globally induce cryptic transcription start sites encoded in long terminal repeats
12:45 - 14:45	Poster Session & Lunch		<i>Foyer/Atrium</i>
Session 3 Chair: <i>Beat Lutz</i> , University Medical Center, Mainz			
14:45 - 15:15	<i>Guo-li Ming</i>	University of Pennsylvania, Philadelphia, USA	Epigenetic regulation in regeneration and repair after axonal injury
15:15 - 15:45	<i>Moshe Szyf</i>	McGill University, Montreal, Canada	Prospects for epigenetics in diagnostics and therapeutics in mental health
15:45 - 16:00	<i>Susann Schweiger</i>	University Medical Center, Mainz	The paternal allele in Birk-Barel syndrome: chances for a rescue in a maternal loss of function phenotype?
16:00 - 16:15	<i>Vijay Tiwari</i>	IMB, Mainz	Lessons from brain development for metastasis
16:15 - 16:45	Coffee Break & Discussions		<i>Foyer/Atrium</i>
Session 4 Chair: <i>Susann Schweiger</i> , University Medical Center, Mainz			
16:45 - 17:15	<i>Claes Wahlestedt</i>	University of Miami Miller School of Medicine, USA	Pleiotropic actions of epigenetic drugs: focus on bromodomain inhibitors
17:15 - 17:45	<i>Jörn Walter</i>	Saarland University, Saarbrücken, Germany	Integrated epigenome analysis: from data to functional interpretation
17:45 - 18:00	<i>Beat Lutz</i>	University Medical Center, Mainz	Neuroepigenetics and behaviour
18:00 - 18:15	<i>Olivia Engmann</i>	University of Zurich, Switzerland	Cocaine-induced chromatin modifications associate with increased expression and 3D looping of Auts2
18:15 - 18:30	<i>Peter Galle</i>	University Medical Center, Mainz	Concluding remarks
18:30 - 19:30	Evening Reception		<i>Foyer/Atrium</i>