2nd Joint Berlin MX Day

Dendrit II/III, MDC.C, Robert-Rössle-Str. 10, 13125 Berlin

17 August 2011

09:00 - 10:40	**Welcome, group presentation and RNA-binding proteins**
	(Chair: Udo Heinemann, MDC)
09:00 - 09:05	**Udo Heinemann** (MDC)
	Welcome
09:05 - 09:15	**Thomas Sommer** (MDC)
	Welcome by the MDC directorate
09:15 - 09:25	**Manfred Weiss** (HZB / BESSY)
	The Joint Berlin MX Laboratory
09:25 - 09:50	**Andreas Möglich** (HU)
	Group presentation
09:50 - 10:10	**Gert Weber** (FU)
	Human U1 snRNP
10:10 - 10:30	**Florian Mayr** (MDC)
	Structural insight into Lin28-mediated miRNA maturation

10:30 - 11:00	**Coffee Break**

11:00 - 12:40	**Bacterial proteins**
	(Chair: Holger Dobbek, HU)
11:00 - 11:20	**Sandra Hennig** (HU)
	RaCo - the ATP-dependent reductive activator of CoFeSP
11:20 - 11:40	**Sebastian Götzl** (HU)
	The methyltransferase system operating in the reductive acetyl-CoA pathway
11:40 - 12:00	**Marcel Jurk** (FMP)
	The switch that does not flip - A biophysical view of YtvA from *Bacillus subtilis*
12:00 - 12:20	**Michele Lunelli** (MPI for Infection Biology)
	Crystal structure of PrgI-SipD: Open state of the type III secretion system needle tip
12:20 - 12:40	**Philipp Selenko** (FMP)
	Think outside the box - think inside the cell!

12:40 - 14:00	**Lunch Break**

14:00 - 15:20	**Ligand binding and optimization**
	(Chair: Markus Wahl, FU)
14:00 - 14:20	**Yvette Roske** (MDC)
	Structure-based design of inhibitors binding to the PDZ domains of Shank3 and Dishevelled
14:20 - 14:40	**Haydar Bulut (FU)**
	Pitstops
14:40 - 15:00	**Jabobo Martinez Font** (FU)
	Structures of N-acetylmannosamine kinase in complex with ADP/ATP for drug design
15:00 - 15:20	**Bernhard Loll** (FU)
	Inducible, conformational flexibility of peptides presented by HLA B*27

15:20 - 15:50	**Coffee Break**

15:50 - 17:50	**Membrane processes and X-ray methods**
	(Chair: Uwe Mueller or Manfred S. Weiss)
15:50 - 16:10	**Barth van Rossum** (FMP)
	De novo structure of the Yad A membrane protein by solid-state MAS NMR
16:10 - 16:30	**Katja Fälber** (MDC)
	Crystal structure of nucleotide-free dynamin
16:30 - 16:50	**David Schwefel** (MDC)
	Structural studies of GIMAPs
16:50 - 17:10	**Song Gao** (MDC)
	Structure determination of MxA using DEN refinement
17:10 - 17:30	**Martin Bommer** (HZI / BESSY)
	S- und Cd-SAD structure determination of *E. coli* 3-phosphoglycerol binding protein UgpB
17:30 - 17:50	**Manfred S. Weiss** or **Uwe Mueller** (HZI / BESSY)
	Current developments at BESSY

18:00 -	**BBQ**