

RNA@dkfz.

ABSTRACT BOOK

Meeting: 06.11.2013, 13:00 – 17:00

**Room K1 / K2 and Foyer of DKFZ
Communication Center**

RNA@dkfz. PROGRAMME

13:00 – 14:45

Welcome Sven Diederichs

1	Ilse Hofmann	Plakophilins 1 and 3 bind to FXR1 and thereby influence the mRNA stability of desmosomal proteins	A190
2	Maxim Skabkin	Post-termination events in eukaryotic translation	A290
3	Ilya Vinnikov	Hypothalamic microRNAs suppress development of obesity	A992
4	Christian Breunig	miRNA involved in immune escape and apoptosis resistance mechanisms in breast cancer	B050
5	Maiwen Caudron-Herger	Alu-RNAs are essential for cell viability by maintaining the structural and functional integrity of the nucleolus	B066
6	Maria Polycarpou-Schwarz	A novel cancer-associated lncRNA controls the Actin cytoskeleton and cell migration	B150

14:45 – 15:45

Poster show and coffee

15:45 – 17:00

7	Khelifa Arab	Long noncoding RNA, TARID, directs demethylation and activation of tumor suppressor TCF21	C010/A030
8	Stefan Eichmüller	A functional microRNA screen to identify specific microRNAs with a role in melanoma cell invasion	D015
9	Janina Haar	Interdependency of Epstein-Barr virus BHRF1 microRNA expression	F100
10	Stefan Wilkening	An efficient method for genome-wide polyadenylation site mapping and RNA quantification	G100
11	Monika Hämmerle	The Insulin-like growth factor 2 mRNA-binding protein 1 (IGF2BP1) is an important pro-tumorigenic factor in hepatocellular carcinoma	B150

RNA@dkfz. CONTENT

Number of Abstract	First Name	Surname	Title Abstract	Cost Center
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11	Monika	Hämmerle	The Insulin-like growth factor 2 mRNA-binding protein 1 (IGF2BP1) is an important pro-tumorigenic factor in hepatocellular carcinoma	B150
12	Sifan	Chen	Interaction of SIRT7 with nascent pre-rRNA confers stress response to RNA polymerase I transcription	A030
13	Francesca	Tuorto	Characterizing the role of cytosine-5 tRNA methylation during hematopoiesis	A130
14	Ilse	Hofmann	Nuclear ARVCF binds splicing factors and contributes to the regulation of alternative splicing	A190

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15	Bogdan	Jovanivic	HRI kinase activation and stress granules formation under oxidative stress	A200
16	Katharina	Haneke	Translation control and stress granule formation during hypoxia	A200
17	Sonja	Reitter	Regulation of mRNA translation in late-phase activated macrophages	A200
18	Avni	Baser	Translational Regulation of Neural Stem Cell Fate Determination	A290
19	Pak Kin	Lou	Translational regulation in injury induced response in spinal cord	A290
20	Kirti	Sharma	Regulation of NF-kB signalling by miRNA in breast cancer	B050
21	Marija	Buljan	Tissue-specific splicing rewires protein interaction networks	B110
22	Ashish	Goyal	Long Non Coding RNAs in the DNA damage response in lung and liver cancer	B150
23	Steffen	Link	Drosha Splice Variants – Their Function in microRNA Biogenesis and beyond	B150
24	Linda	Nötzold	Identification and characterization of lncRNAs in mitosis and migration	B150
25	Anna	Roth	A nuclear long non-coding RNA overexpressed in lung cancer interacts with the Ku70/Ku86 dimer	B150
26	Jana	Seiler	A functional siRNA screen in lung cancer cell lines identifies lncRNAs regulating the cell viability	B150
27	Sara	Laudato	MicroRNA modulators of invasion and metastasis following p53 and CK1alpha ablation in Colorectal Cancer	G360