

RNA@dkfz.

Meeting: 18.07.2012, 14:00 – 19:00

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

RNA@dkfz. PROGRAMME

14:00 – 15:30

Welcome Sven Diederichs

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|----------|-----------------------|--|------|
| 1 | Maiwen Caudron-Herger | Maintenance of active transcription sites by RNA | B066 |
| 2 | Zeljko Durdevic | Dnmt2 is required to control RNA viruses in Drosophila | A130 |
| 3 | Johanna Schott | Global analysis of mRNA translation during macrophage activation | A200 |
| 4 | Regina Fischer-Keso | Plakophilin 3 regulates mRNA stability of plakophilin 2 | A190 |
| 5 | Alvaro Mateos Gil | Translational profiling of spinal cord injury | A290 |
| 6 | Patrick Ketzer | Artificial RNA Switches for Regulation of Gene Transfer by Adenovectors and Oncolytic Adenoviruses | F110 |

15:30 – 17:00

Poster show and coffee

17:00 – 17:30

Present and future perspectives of **RNA@dkfz.**

17:30 – 19:00

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|-----------|--------------------|---|------|
| 7 | Andrea Bauer | New set of potential tumor marker by mRNA and miRNA Profiling in human Pancreatic Cancer | B070 |
| 8 | Constance Baer | Extensive promoter DNA hypermethylation and hypomethylation is associated with aberrant microRNA expression in chronic lymphocytic leukemia | C010 |
| 9 | Julia Winter | Argonaute proteins regulate miRNA stability and the guide-to-passenger strand ratio | B150 |
| 10 | Jan Meier | Genome-wide identification of functionally related miR-155 target genes and disproportionally AGO2-associated miRNAs using RIP-Seq | B060 |
| 11 | Giridhar Mudduluru | miR-135b and miR-210 induce invasion and distant metastasis by targeting SIAH1 and SETD2 in colorectal cancer | G360 |
| 12 | Chonglin Luo | miR-137 inhibits the invasion of melanoma cells through down-regulation of multiple oncogenic target genes | D015 |

RNA@dkfz. CONTENT

Number of Abstract	First name	Surname	Title	Cost Center
1	Maiwen	Caudron-Herger	Maintenance of active transcription sites by RNA	B066
2	Zeljko	Durdevic	Dnmt2 is required to control RNA viruses in Drosophila	A130
3	Johanna	Schott	Global analysis of mRNA translation during macrophage activation	A200
4	Regina	Fischer-Kešo	Plakophilin 3 regulates mRNA stability of plakophilin 2	A190
5	Alvaro	Mateos Gil	Translational profiling of spinal cord injury	A290
6	Patrick	Ketzer	Artificial RNA Switches for Regulation of Gene Transfer by Adenovectors and Oncolytic Adenoviruses	F110
7	Andrea	Bauer	New set of potential tumor marker by mRNA and miRNA Profiling in human Pancreatic Cancer	B070
8	Constance	Baer	Extensive promoter DNA hypermethylation and hypomethylation is associated with aberrant microRNA expression in chronic lymphocytic leukemia	C010
9	Julia	Winter	Argonaute proteins regulate miRNA stability and the guide-to-passenger strand ratio	B150
10	Jan	Meier	Genome-wide identification of functionally related miR-155 target genes and disproportionally AGO2-associated miRNAs using RIP-Seq	B060
11	Giridhar	Mudduluru	miR-135b and miR-210 induce invasion and distant metastasis by targeting SIAH1 and SETD2 in colorectal cancer	G360
12	Chonglin	Lou	miR-137 inhibits the invasion of melanoma cells through down-regulation of multiple oncogenic target genes	D015

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13	Francesca	Tuorto	Site-specific cytosine-5 methylation by the mouse RNA methyltransferases Dnmt2 and NSun2 promotes tRNA stability and protein synthesis	A130
14	Matthias R.	Schaefer	Aberrant tRNA Fragmentation in Dnmt2 Mutant Drosophila Interferes with siRNA-Mediated Transposon Control	A130
15	Reinhard	Liebers	Site-specific cytosine-5 methylation by the mouse RNA methyltransferases Dnmt2 and NSun2 promotes tRNA stability and protein synthesis	A130
16	Roldan	de Guia	MicroRNAs in the Regulation of Hepatic Metabolism	A170
17	Ilse	Hofmann	The junctional protein ARVCF and its association with splicing factors	A190
18	Sahil	Sharma	Regulation of CAF1-dependant deadenylation under stress conditions	A200
19	Kathrin	Leppek	Roquin promotes constitutive mRNA deadenylation and decay via an abundant stem-loop recognition element	A200
20	Sonja	Reitter	RNA localization and local translation in late phase-activated macrophages	A200
21	Aoife	Ward	The role of a novel microRNA cluster, C19MC, in breast cancer	B050
22	Daniel	Mertens	Defective Drosha Processing Contributes to Down-regulation of MiR-15/-16 in Chronic Lymphocytic Leukemia	B061
23	Sajo	Kaduthanam	Circulating miR-142-3p is associated with poor prognosis of early-stage pulmonary adenocarcinoma patients	B063
24	Daniela	Wuttig	Establishing a protocol for Illumina next generation sequencing of microRNAs	B063

Number of Abstract	First name	Surname	Title	Cost Center
25	Teresa	Pankert	Nuclear 3'-UTR sequences maintain the structural integrity of euchromatic chromatin compartments	B066
26	Tony	Gutschner	The non-coding RNA MALAT1 is a critical regulator of the metastasis phenotype of lung cancer cells	B150
27	Maria	Polycarpou-Schwarz	Non-coding RNA profiling in Lung, Liver and Breast Cancer	B150
28	Anna	Roth	Identification and Characterization of Novel Long Non-Coding RNAs in Lung Cancer	B150
29	Ashish	Goyal	Long Non Coding RNAs in the DNA damage response in lung and liver cancer	B150
30	Monika	Hämmerle	Molecular and functional analysis of long non-coding RNAs in hepatocellular carcinoma	B150
31	Katarina	Cuk	Circulating microRNAs in plasma of breast cancer patients: potential complementary markers for breast cancer screening	C080
32	Katrin	Tagscherer	Regulation of radiation-mediated apoptosis by miRNAs in colorectal cancer	G150