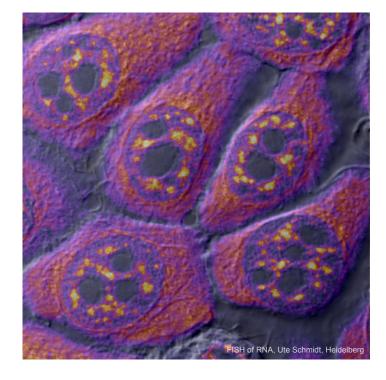
RNA: Networks & Imaging

Symposium of the DFG Research Training Group 886



April 5 to 7, 2006
Kirchhoff-Institut für Physik
Universität Heidelberg





Speakers

John Mattick (Brisbane)

Robert Martienssen (Cold Spring Harbor)

Witold Filipowicz (Basel)

Gunter Meister (München)

Andrew Fraser (Cambridge)

Michael Boutros (Heidelberg)

Robert Singer (New York)

Tom Jovin (Göttingen)

Peter Cook (Oxford)

Ralf-Peter Jansen (München)

Jan Ellenberg (Heidelberg)

Ulf Landegren (Uppsala)

Organizers

Karsten Rippe, KIP, Heidelberg Marc Kenzelmann, DKFZ, Heidelberg Meinhard Hahn, DKFZ, Heidelberg

Registration and Information http://rna-imaging.uni-hd.de

Attendance is free but you need to register and arrange for your own accomodation.

Deadline poster abstracts: March 20, 2006

About the Meeting

The activity of coding and non-coding RNAs is a central topic of molecular biology. The symposium will bring together expert speakers on regulatory RNA networks and quantitative imaging/molecular interaction analysis. They will cover the topic from various perspectives in a series of lectures. These will include a presentation of exciting findings from their recent research activities along with a detailed introduction and review of the field.

Supporting Organizations

MolTools EU FP6 Program

SFB/Transregio 5 Heidelberg-München

NGFN - Nationales Genomforschungsnetz

BMM Network Heidelberg

BIOQUANT Heidelberg

Gesellschaft für Genetik

Company Sponsors

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RNA: Networks & Imaging		Thursday, April 6		Friday, April 7	
Symposium of the DFG Research Training Group 886		8:30-10:00	Biochemistry and function of RNA interference and micro-RNAs	8:30-10:00	Fluorescence spectroscopy in the microscope to probe protein activities in vivo
	April 5 to 7, 2006		Witold Filipowicz		Tom Jovin
Kirchhoff-Institut für Physik Heidelberg http://rna-imaging.uni-hd.de Program		10:00-10:30	Coffee break		TOTH JOVIN
		10:30-12:00 Biochemical and functional characterization of small RNA containing protein complexes	Riochemical and functional charac-	10:00-10:30	Coffee break
			terization of small RNA containing	10:30-12:00	A model for all genomes: the role of transcription
			Gunter Meister		Peter Cook
	g	12:00-13:30	Lunch break	12:00-13:30	Lunch break
	Wednesday, April 5	13:30-15:00	Mapping genetic interactions in the	13:30-15:00	Imaging of mRNAs in the cyto-
14:30-16:30	Registration	10.00-10.00	worm using RNAi	10.00-10.00	plasm of living cells
14:30-16:30	Poster session at the KIP foyer. The posters will be available throughout the meeting for viewing and discussions.		Andrew Fraser		Ralf-Peter Jansen
		15:00-16:30	Genome-wide Approaches to Dissect Cellular Signaling by RNAi	15:00-16:30	Microscopy-based RNAi screening and quantitative imaging of chro- mosome structure to identify and
16:30-18:00	The hidden layer of digital RNA signaling in complex organisms		Michael Boutros		define the function of mitotic genes
		16:30-17:00	Coffee break		Jan Ellenberg
	John Mattick	17:00-18:30	RNA expression and movement in	16:30-17:00	Coffee break
18:00-19:30	Transregio 5 Lecture:		single cells	17:00 10:20	
	RNA meets chromatin Robert Martienssen		Robert Singer	17:00-18:30	In situ analyses of individual and complexes of DNA, RNA, and protein molecules
19:30	Snacks & refreshments	19:30	Speakers Dinner		Ulf Landegren