FWF Österreichischer Wissenschaftsfonds

RNA DECO

SFB RNA DECO

MEETING

06. – 07. FEBRUARY 2025

INNSBRUCK

MEDIZINISCHE UNIVERSITÄT WIEN

universität innsbruck

MEDIZINISCHE UNIVERSITÄT INNSBRUCK

universität wien

ISTA Institute of Science and Technology Austria

FWF Österreichischer Wissenschaftsfonds

Confidentiality statement

Posters and presentations at this meeting are preliminary in nature and for internal discussions only. Please treat all information confidentially. Posting contents on any sort of media, taking pictures of presentations / posters are therefore explicitly prohibited.

Locations

Locations	**Address**
Meeting venue: CCB, M.01.470/ M.01.490	Innrain 80, 6020 Innsbruck
Hotel “Das Innsbruck”	Innrain 3, 6020 Innsbruck

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Thursday, 06th February 2025		
12:30-14:10	**Session 1**	**Chair: Michael Jantsch (MUW)**
12:30-12:40	Welcome: Michael Jantsch (Medical University Vienna, Austria)	
12:40-13:10	**Michael Jantsch** (Medical University Vienna, Austria) ADAR-mediated protein recoding events	
13:10-13:40	**Sandwich Lunch**	
13:40-14:10	**David Michalik** (Group Bernecky, ISTA, Klosterneuburg, Austria) Role of ATP in MDA5 sequence recognition and its regulation by phosphorylations	
14:10-14:40	**Vinod Rajendra** (Group Jantsch, Medical University Vienna, Austria) A Tale of Two Dimers: Exploring the Structure and Function of ADAR1 and Filamins	
14:40-15:10	**Coffee Break**	
15:10-16:55	**Session 2**	**Chair: Stefan Ameres (UniVie)**
15:10-15:55	**Mark Helm** (IPBS, Johannes Gutenberg University Mainz, Germany) Purine oxidation in RNA	
15:55-16:25	**Marion Goldeck** (Technical University Vienna, Austria) STOPTACs: Scissile turn-off proteolysis targeting chimeras	

16:25-16:55	**Cristian A. Velandia** (Group Hofacker, University of Vienna, Austria) Detecting Pseudouridines in tRNAs: Addressing Computational Mapping Errors	
16:55-17:25	**Coffee Break**	
17:25-18:55	**Session 3**	**Chair: Isabella Moll (UniVie)**
17:25-17:55	**Javier Caceres** (University of Edinburgh, Scotland) RNA-quality control of gene expression in health and disease	
17:55-18:25	**Andreas Villunger** (Medical University Innsbruck, Austria) Exploring the relevance of tRNA thiolation in normal physiology and disease	
18:25-18:55	**Discussion about SFB activities and workshops**	
19:20-22:00	**Dinner at Hotel "Das Innsbruck"**	

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Friday, 07th February 2025	
9:00-10:40	**Session 4** **Chair: Ronald Micura (MUI)**
9:00-9:45	**Andres Jäschke** (University of Heidelberg, Germany) NON-CANONICAL RNA CAPS – NEW CHEMISTRY, NEW FUNCTIONS
9:45-10:15	**Milena Nenadovic** (Group Moll, University of Vienna, Austria) Dynamic RNA modifications in the regulation of the bacterial stress response
10:15-10:40	**Teaser talks for poster session**
10:40-11:10	**Coffee Break**
11:10-12:25	**Session 5** **Chair: Alexandra Lusser (MUI)**
11:10-11:55	**Monika Gullerova** (University of Oxford, UK) RNA Methyltransferase, NSUN2 Facilitates DICER Cleavage of DNA Damage-Associated R-Loops to Promote Repair
11:55-12:25	**Malou Hanisch** (Group Lusser, Medical University Innsbruck, Austria) Identifying preQ1 riboswitches in Listeria monocytogenes
12:30-13:20	**Lunch**
13:20-13:30	Poster set up

13:30-14:30	**Poster Session**	
14:30-15:30	**Session 6**	**Chair: Matthias Erlacher (MUI)**
14:30-15:00	**Elias Wieser** (Group Erlacher, Medical University Innsbruck, Austria) Attempt to create novel codon-anticodon pairs	
15:00-15:30	**Sebastian Herzog** (Medical University Innsbruck, Austria) Cluster assistance as a peculiar phenomenon in primary miRNA biogenesis	
15:30–15:45	**Coffee Break**	
15:45-16:55	**Session 7**	**Chair: Michael Jantsch (MUW)**
15:45-16:15	**Uliana Smirnova** (Group Schäfer, Medical University Vienna, Austria) Determining the Impact of Small RNAs on the Riboregulation of Glycolysis	
16:15-16:45	**Anna Rocchegiani** (Group Vilardo, Medical University Vienna, Austria) Impact of tRNA m^1G9 methylation in insulin-secreting β-cells	
16:45-16:55	Closing: Michael Jantsch (Medical University Vienna, Austria)	