



SFB RNA DECO

ANNUAL RNA RETREAT

27. – 28. APRIL 2023

MONDSEE



Thursday, 27th April 2023

11:15-12:00	Arrival in Mondsee - Check-In
12:00-12:45	Lunch
13:00-15:00	Session 1 Chair: Michael Jantsch
13:00-13:05	Welcome
13:05-13:45	Frieda Leesch (Group Pauli, IMP) Two types of ribosomes during zebrafish development
13:45-14:10	Ivo Hofacker (UniVie) Predicting the effect of translation by RNA modifications
14:10-14:35	Alexandra Lusser (MUI) Exploring distribution and function of m5C in pre-mRNA
14:35-15:00	Elisa Vilardo (MUW) tRNA modification landscapes and impact on protein synthesis
15:00-15:30	Coffee Break
15:30-16:45	Session 2 Chair: Alexandra Lusser
15:30-15:55	Michael Jantsch (MUW) Immune modulation by inosines
15:55-16:20	Ronald Micura (Uibk) Engineering riboswitches – Tools for RNA methylation and labelling
16:20-16:45	Christoph Kreutz (Uibk) Studying naturally occurring RNA modifications by NMR
16:45-17:15	Coffee Break

17:15-18:40	Session 3	Chair: Carrie Bernecky
17:15-17:40	Javier Martinez (MUW/MPL) Enzymology and targets of RNA-terminal modifications	
17:40-18:05	Isabella Moll (UniVie) Dynamic RNA modifications in the regulation of the bacterial stress response?	
18:05-18:30	Walter Rossmanith (MUW) The role of modifications in human mitochondrial tRNAs	
18:30-18:40	Stefan Ameres (UniVie) Molecular origin and biological function of small RNA sequence diversification	
19:00-20:00	Dinner	
20:15-18:40	Session 4	Chair: Matthias Schäfer
20:15-20:40	Carrie Bernecky (IST) Roles of A-to-I editing in dsRNA recognition	
20:40-21:05	Matthias Erlacher (MUI) Regulation of Translation by RNA modification	
21:05-21:30	Matthias Schäfer (MUW) tsRNAs: Determining Their Subcellular Localization, Modification and Structural Requirements for Physiological Impact	
21:30-22:00	Concluding Remarks	

Friday, 27th April 2023

8:00-9:00	Breakfast
9:05-10:30	Poster Session
10:30-11:00	Coffee Break
11:00-12:40	Project discussion of next application
12:45-13:45	Lunch
14:00	Departure