

RNAClub 2024

19 September, CEITEC, Brno

PROGRAMME

8:30–10:00	Registration and welcome coffee
10:00–10:10	Welcome
10:10–11:40	Session 1: Translation (Chair: Leoš Valášek)
10:10	• Michal H. Kolář – Structure and dynamics of the narrowest part of the ribosome exit tunnel
10:25	• Julie Kovářová – Alterations of the translation termination machinery are linked with stop codon reassignment
10:40	• Bankatesh Kumar – Control of gene expression by queuosine tRNA modification and its impact on the virulence of <i>Leishmania mexicana</i> ②
10:55	• Klára Pospíšilová – Uncovering the roles of individual eIF3 subunits ②
11:10	• Khushboo Sharma – Polysome profiling of cell cycle ②
11:25	• Jakub Dušek – PentaGen s.r.o., sponsor's presentation
11:40–13:15	Lunch break and poster viewing
13:15–13:55	Igor Ulitsky – Noncoding RNAs as Therapeutic RNAs and Targets
13:55–15:10	Session 2: Transcription (Chair: Libor Krásný)
13:55	• Michal Hocek – Enzymatic Synthesis of Base-Modified RNA with Engineered DNA Polymerases
14:10	• Nabajyoti Borah – Molecular insights of RNA polymerase recycling by mycobacterial HelD ②
14:25	• Jarmila Hnilicová – RIP-seq reveals novel RNAs that interact with RNA polymerase in bacteria
14:40	• Maria-Bianca Mititelu – Discovery of Dinucleoside Diphosphates acting as 5' RNA Caps in Mammalian Cells ②
14:55	I.T.A.-Intertact s.r.o., sponsor's presentation
15:10–16:25	Poster session with coffee and refreshments
16:25–17:05	Michaela Frye – Targeting RNA modifications in cancer

② indicates eligibility for the Young Scientists' Prizes



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17:05–18:20	Session 3: Non-coding RNA (Chair: Petr Svoboda)
17:05	• Katarína Juríková – Telomeric lncRNA TERRA localizes to stress granules in human ALT cells ©
17:20	• Aleš Obrdlík – Deciphering the Multifunctional Roles of m6A and m6Am Demethylases in Human Cells
17:35	• Nenad Radivojević – The role of coilin in snRNP biogenesis ©
17:50	• Dragana Vukić – Exploring interactomes of ADAR1 isoforms and their response to Interferon induction ©
18:05	• Edward Curtis – Exploring the functional potential of nucleic acids using artificial evolution
18:20	Student's Prize Voting, Concluding Remarks
19:00	Young Scientists' Prizes announcement
19:00–21:00	Buffet dinner, networking

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