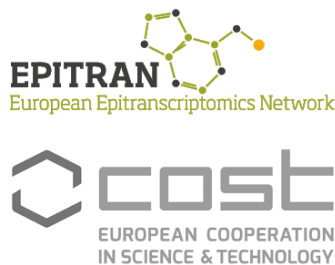


# COST Action CA16120 EPITRAN

## European Epitranscriptomics Network

### Final Conference

20 - 22 September 2021  
Online event



**Online event**  
(platform Zoom)

For registration go to the following link:

[https://zoom.us/webinar/register/WN\\_9ASC\\_iYERc-JHkhp0rt0ug](https://zoom.us/webinar/register/WN_9ASC_iYERc-JHkhp0rt0ug)

## General program

### Day #1: 20<sup>th</sup> September 2021

Date	Time	Session
20 <sup>th</sup> September 2021	h 14.00 – 14.30	Welcome and Introduction
20 <sup>th</sup> September 2021	h 14.30 – 15.30	Session #1: <i>m6A biology #1</i>
20 <sup>th</sup> September 2021	h 16.00– 17.00	Session #2: <i>m6A - biology #2</i>

### Day #2: 21<sup>st</sup> September 2021

Date	Time	Session
21 <sup>st</sup> September 2021	h 14.00 – 15.00	Session #3: RNA Editing biology #1
21 <sup>st</sup> September 2021	h 15.20 – 16.20	Session #4: RNA Editing biology #2
21 <sup>st</sup> September 2021	h 16.40 – 17.40	Session #5: Applications in Epitranscriptomics

### Day #3: 22<sup>nd</sup> September 2021

Date	Time	Session
22 <sup>nd</sup> September 2021	h 14.00 – 15.00	Session #6: <i>Other Epitranscriptomics modifications #1</i>
22 <sup>nd</sup> September 2021	h 15.30 – 16.45	Session #7: <i>Other Epitranscriptomics modifications #2</i>



## Detailed program Day #1

**Monday, 20<sup>th</sup> September 2021**

14.00 - 14.15	Welcome and instructions to the conference
14.15 – 14.30	Title: Overview of the COST Action EPITRAN Speaker: Alessandro Quattrone (University of Trento, IT)

### Session #1: m6A biology (Part 1)

14.30 – 14.50	<b>Keynote talk</b> Title: What spatial interactions can tell us about the function of the m6A and m6Am enzymes. Speaker: Stepanka Vanacova (Masaryk University, CZ)
14.50 – 15.00	Title: Two novel proteins with opposing m6A writing functions interact with HAKAI Speaker: Mi Zhang (University of Nottingham, UK)
15.00 – 15.10	Title: Functional and biochemical studies of an m6A reader protein Speaker: Lingyun Li (University of Geneva, CH)
15.10 – 15.30	Q&A and discussion with the speakers

### Session #2: m6A biology (Part 2)

16.00 – 16.10	Title: Emerging role of RNA methyltransferase METTL14 in bladder cancer Speaker: Catarina Teixeira (Portuguese Institute of Oncology of Porto, PT)
16.10 - 16.20	Title: Unraveling the role of m6A writer complex VIRMA in germ cell tumors progression Speaker: Vera Miranda-Gonçalves (Portuguese Institute of Oncology of Porto, PT)
16.20 – 16.30	Title: M6A RNA methylation in gastric cancer: the role of YTHDF3 Speaker: Catarina de Oliveira (i3S, PT)
16.30 – 16.40	Title: Computational analysis of the pan-cancer m6A machinery alteration patterns Speaker: Eliana Destefanis (University of Trento, IT)
16.40 – 17.00	Q&A and discussion with the speakers
Closure of Day#1	



## Detailed program Day #2

**Tuesday, 21<sup>st</sup> September 2021**

### Session #3: RNA Editing biology

14.00 – 14.20	<b>Keynote talk</b> Title: Specificity of ADAR isoforms Speaker: Michael Jantsch (Medical University of Vienna, AT)
14.20 – 14.30	Title: tbd Speaker: tbc
14.30 – 14.40	Title: RNA modification in Filamin A pre-mRNA and its role in colon inflammation Speaker: Rajagopal Varada (Medical University of Vienna, AT)
14.40 – 15.00	Q&A and discussion with the speakers

### Session #4: RNA Editing biology

15.20 – 15.40	<b>Keynote talk</b> Title: Human Recoding sites: Profile, Evolution, Adaptation Speaker: Eli Eisenberg (Tel Aviv University, IL)
15.40 – 15.50	Title: Role of the APOBECs in SARS-CoV-2 editing Speaker: Filippo Martignano & Uday Munagala (ISPRO, IT)
15.50 – 16.00	Title: Changes in levels of A-to-I RNA in individuals less susceptible to malaria. Speaker: Jaclyn Quin (CEITEC-MU, CZ)
16.00 – 16.20	Q&A and discussion with the speakers

### Session #5: Applications in Epitranscriptomics

16.40 – 17.00	<b>Keynote talk</b> Title: Queuine-mimetics: Hitting the re-set button in autoimmunity Speaker: Vincent Kelly (Trinity College Dublin, IE)
17.00 – 17.10	Title: The role of N6-Methyladenosine in mediating drug resistance of human Hepatocellular Carcinoma Speaker: Lucia Coscujuela Tarrero (IIT Milano, IT)
17.10 – 17.20	Title: MODOMICS: a database of RNA modification pathways. 2021 update Speaker: Andrea Cappannini (International Institute of Molecular and Cell Biology, PT)
17.20 – 17.40	Q&A and discussion with the speakers
Closure of day #2	



## Detailed program Day #3

**Wednesday, 22<sup>nd</sup> September 2021**

### Session #6: Other Epitranscriptomics modifications (Part 1)

14.00 – 14.20	<b>Keynote talk</b> Title: Epitranscriptomic tRNA modifications and disease. Speaker: Sebastian Leidel (University of Bern, DE)
14.20 - 14.30	Title: Multivariate analysis of RNA marks for glioma grading Speaker: tbc
14.30 – 14.40	Title: Detection of queuosine (Q) modification in RNA Speaker: Navpreet Kaur (Humboldt University, DE)
14.40 – 15.00	Q&A and discussion with the speakers

### Session #7: Other Epitranscriptomics modifications (Part 2)

15.30 – 15.50	<b>Keynote talk</b> Title: Ribosomal 2'-O-methylation profiling reveals a cancer-specific signature for clinical prostate cancer Speaker: Elena S. Martens-Uzunova (Erasmus MC, NL)
15.50 - 16.00	Title: Depletion of ribosomal 2'-O-methylation at 28S-Gm4593 mediated by snoRNA SNORD78 reduces the aggressive phenotype of prostate cancer Speaker: Daniela Barros-Silva (Portuguese Oncology Institute of Porto, PT)
16.00 - 16.10	Title: The inflammation state as main drivers of aberrant DNA-RNA methylation in colorectal cancer Speaker: tbc
16.10 - 16.20	Title: Deep assessment of human disease-associated ribosomal RNA modifications using Nanopore direct RNA sequencing Speaker: Isabel Naarmann-de Vries (University Hospital Heidelberg, DE)
16.20 – 16.45	Q&A and discussion with the speakers
	Closing remarks and farewell