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Inserm Workshop 289

Libérer le potentiel de l'épitranscriptomique : un atelier à la pointe de l'innovation

Unlocking the Potential of Epitranscriptomics: A Cutting-Edge Training Course

8-10 juin 2026 / June 8-10, 2026 ◘ Bordeaux, France

Lundi 8 juin 2026 ◘ Monday June, 8th 2026

14:00 - 14:30	**Reception of participants**
14:30 - 14:45	Welcome and presentation by the organizers
SESSION I	**The epitranscriptome: the case of mRNA**
14:45 - 15:30	Re-discovering epitranscriptomics: state of the art **Anne Willis (University of Cambridge, United Kingdom)**
15:30 - 16:15	RNA Editing in health and disease **Michael Jantsch (University of Vienna, Austria)**
16:15 - 17:00	**Coffee break**
17:00 - 17:45	Characterizing 5-methylcytosine in mammals **Michaela Frye (DKFZ, Heidelberg, Germany)**
17:45 - 18:30	Decoding mRNA cap complexity **Victoria Cowling (Beatson Institute, Glasgow, Scotland)**
18:30 - 19:30	**Wine testing (with local producers)**
19:30	**Dinner with the speakers**

Mardi 9 juin 2026 ◘ Tuesday June, 9th 2026

06:30 - 08:30	**Breakfast**
SESSION II	**Current methods for studying RNA modifications**
08:30 - 09:15	Sequencing based methods for mapping RNA modifications **Yuri Motorin (IMoPA, Nancy, France)**
09:15 - 10:00	Nanopore sequencing to quantify RNA modifications **Eva Maria Novoa (CRG, Barcelona, Spain)**
10:00 - 10:30	**Coffee break**
10:30 - 11:15	Harnessing mass spectrometry for analyzing RNA chemistry in clinic **Alexandre David (IRCM, Montpellier, France)**
11:15 - 12:00	Integrating epitranscriptomics data **Eric Rivals (LIRMM, Montpellier, France)**
12:00 - 14:00	**Lunch with the speakers**

SESSION III	Harnessing epitranscriptomics for applications in clinic and industry
14:00 - 14:45	RNA modifications and mRNA vaccine **Chantal Pichon (Université d'Orléans, France)**
14:45 - 15:30	Epitranscriptomics in plant adaptation **Jean-Marc Deragon (LGDP, Perpignan, France)**
15:30 - 16:00	**Coffee Break**
16:00 - 16:45	Targeting the epitranscriptome. **François Fuks (ULB, Bruxelles, Belgium)**
17:00 - 19:30	**Tour in Bordeaux with speakers**
19:30	**Dinner with speakers**

Mercredi 10 juin 2026 ◘ Wednesday June, 10th 2026

06:30 - 08:30	**Breakfast**
SESSION IV	**The epitranscriptome in non-coding RNAs**
08:30 - 09:15	Pseudouridine, the "fifth" nucleotide **Davide Ruggero (UCSF, San Francisco, USA)**
09:15 - 10:00	The oncogenic ribosome **Virginie Marcel (CRCL, Lyon, France)**
10:00 - 10:30	**Coffee Break**
10:30 - 11:15	How RNA modifications shape tRNA function **Tao Pan (University of Chicago, Chicago, USA)**
11:15 - 12:00	Connecting epitranscriptomics with codon-dependent translation regulation **Pierre Close (GIGA, Liège, Belgium)**
12:00 - 12:15	**Closing remarks**
12:15 - 14:00	**Lunch with the speakers**
14:00	**Departure**