

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 Francesca Aguilo (Umeå University, Sweden)
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