Workshop
New mass spectrometry approaches to study cancer genome functions and beyond…
December 13th, 2018
Montpellier, IRCM Conference room

09:20 am	**Welcome coffee**	
10:00 am	**Session I**	*Chairs: Jérôme Dejardin, Eric Julien*
10:00 ❖	**Deciphering chromatin biology using integrative omics approaches** **Michiel VERMEULEN, Radboud Institute of Molecular Life Sciences, Nijmegen, NL**	
10:40 ❖	The control of telomere maintenance by heterochromatin **Jérôme Dejardin, Institute of Human Genetics, Montpellier**	
11:05❖	Identification of replication factories components using mass spectrometry **Cyril Ribeyre, Institute of Human Genetics, Montpellier**	
11:30 ❖	**Exploring the biology of histone variants with mass spectrometry** **Jérôme GOVIN, Institute for Advanced Biosciences, La Tronche, France**	
12:10 pm	**Lunch**	
14:00 pm	**Session II**	*Chairs: Kerstin Bystricky, Daniel Fisher*
14:00 ❖	**Combining mass spectrometry with FACS for comprehensive proteomic and phosphoproteomic analysis of cell cycle transitions** **Tony LY, Centre for Gene regulation & Expression, University of Dundee**	
14:40 ❖	A combined laser microdissection and proteomic analysis method for identification of robust biomarkers in oncology **Anne-Aurélie Raymond, INSERM U1053, Liver cancer and invasion, Bordeaux**	
15:05 ❖	Structural elucidation of cellular proteoforms by Top-down MS **Julien Marcoux, Institute of Pharmacology and Structural Biology, Toulouse**	
15:30 ❖	A new era in cancer biomarkers: multivariate analysis of RNA epigenetics by mass spectrometry **Jérôme Vialaret, Laboratory of Biochemistry and Clinical Proteomics-IRMB, Montpellier**	
16:00 pm	**Discussion**	

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