

**Instruct Advanced Isotopic Labelling Methods Practical School, IBS Grenoble (FR2), May 21-27, 2024**

	Tuesday 21	Wednesday 22	Thursday 23	Friday 24		Monday 27
8:00-8:30						
8:30-9:00						
9:00-9:30		RNA in vivo (L Imbert)	RNA in vivo (L Imbert)	Deuteration Optimisation (L Imbert) 114		Opening (L Imbert) CIBB
9:30-10:00	Welcome (L Imbert) 114					High Density Deuteration (M Moulin)
10:00-10:30	Cell Free (L Imbert) 114	RNA in vitro (I Lebars)	Segmental labelling (P Barraud & M Catala)	Segmental Labelling (P Barraud & M Catala)		Wheat Germ Cell-Free and Labelling (ML Fogeron) CIBB
10:30-11:00						
11:00-11:30	Cell free (L Imbert)		In cell NMR (FX Theillet) 114			
11:30-12:00						
12:00-12:30	Lunch	Lunch	Lunch	Lunch		Lunch
12:30-13:00						
13:00-13:30						
13:30-14:00	Isotopic Labelling of RNA in vivo (L Imbert)	Segmental labelling (P Barraud) 114	RNA in vivo (L Imbert)	Isotopic Labelling of protein in Eucaryotic Cell (FX Theillet) 114		Spectra Analyse and discussions (B Kieffer) CIBB
14:00-14:30	Isotopic Labelling of RNA in vitro (I Lebars) 114		RNA in vitro (I Lebars)		In cell NMR (FX Theillet)	
14:30-15:00						
15:00-15:30	Cell free purif (L Imbert)	RNA in vitro (I Lebars)	In Cell NMR spectro (FX Theillet)	Methyl Specific Labelling (J Boisbouvier) 114		Closure (L Imbert B Kieffer)
15:30-16:00						
16:00-16:30						
16:30-17:00		Sample analyses and spectro demo (A Vallet & A Favier)	In cell NMR (FX Theillet)			
17:00-17:30	RNA in vivo (L Imbert)					
17:30-18:00			In Cell NMR spectro (FX Theillet)			
18:00-18:30						
18:30-19:00			Social Event (group dinner)			
	Practical	Theoretical courses	Spectro	Courses w/o pratical		