

Master 2 IMaLiS - Room 305 - 3rd floor – ENS - 46 rue d'Ulm 75005 Paris

Course « Cellular Machineries and Genome Repair and Expression » 2024-2025

	9h45	11h45	13h15	15h00	15h30	17h15
Monday, october 14 th	Christophe Carles Introduction		Karine Dubrana DNA repair pathways in space and time		Jean-Baptiste Charbonnier Structure insights of DNA repair proteins	
Tuesday, october 15 th	Stefano Mattarocci Telomere protection		Gabriel Livera The meiotic double strand breaks: mechanisms and repair		Juliette Dabin Epigenome maintenance in response to DNA damage	
Wednesday, october 16 th	Françoise Ochsenbein Histone modifications and assembly and genome accessibility		Julie Chaumeil X-chromosome inactivation and epigenetic regulation of gene expression			
Thursday, october 17 th	Xavier Renaudin Repair of oxidative DNA damage in nuclear and mitochondrial genomes		Inge Kühl Maintenance and expression of mitochondrial genes		Julie Soutourina Interplay between transcription and DNA repair	
Friday, october 18 th	Terence Strick Single-molecule analysis of DNA transcription and repair		Annabel Quinet DNA damage and replication stress		Pascale Bertrand Cancerous and non-cancerous consequences of DNA repair defect and replication stress	