

Planning modules M2 Génétique 2024-25

		Institut Pasteur		EvoGEM					
sem37	08-12 sep	Development and Plasticity of the Nervous System (15/09 - 19/10) 12 ects	Human Population Genomics & Genetic Epidemiology		Math 0	Evolution and Development			
sem38	15-19 sep				Informatique 0	Cell imaging	Neurodevelopment, Prematurity, Homeostasis	Genomics	
sem39	22-26 sep				E42 Theories and models in evolutionary biology (3 ects)	Optobiology: sensors and actuators of cellular activities			
sem40	29 sept-3 oct				E41 Tutored project (3 ects)	International workshop : Rome	Human Genetics and Hematology	Normal and pathological intracellular signalisation	
sem41	6-10 oct				E43 Stochastic Models in Ecology and Evolution (3 ects)	Bacterial Genetic : from Evolution to Engineering	Stem Cells	Genomic analysis of cancers	
sem42	13-17 oct					E21b Genomes, populations, species (6 ects)	Cellular aspects of development	Bacterial Host-Pathogen Interaction	Aging and Neurodegenerative diseases
sem43	20-24 oct				International workshop (Trieste, Padoue, Milan, Paris)				
sem44	27-31 oct				Genetic and Epigenetics of multifactorial diseases	« 3 Ret stabilité des génomes » semaine 1			
sem45	3-7 nov	Analyse des génomes (3/11-19/12) 15 ects	Génétique et épigénétique moléculaire (3/11 - 19/12) 15 ects	Advanced Immunology (17/11-9/01) 15 ects	E41 Tutored project	Création d'entreprise (6 ects)	Human Biodemography	Functional genomic analysis: integrating sequencing data fromtranscriptomics and Epigenomics. RNA-seq	
sem46	10-14 nov*								
sem47	17-21 nov				E36 Quantitative Genetics (6 ects)	Congenital pathologies: Integrative insights from organo	Artificial Intelligence in advancing Biology and Genetic	Genetics predisposition to cancer	Human genetics of infectious diseases
sem48	24-28 nov					Somatic Genetic of Cancer	Molecular Genetic of Human diseases	Epigenetics	
sem49	1-5 dec				E41 Tutored project	Human Genetics and Neurobiology	Human Evolutionary Genetics	Génétique et Physiologie de la reproduction	
sem 50	8-12 dec			E45 Comparative Phylogenetics (6 ects)	Cell Identity and gene expression regulation	RNA seq	Biotherapy		
sem51	15-19				bibliography module A	International workshop (Barcelone)			
sem52	22-26 dec								
sem1	29 dec-2 jan								
sem2	5-9 jan		Mouse Genetics 05/01-13/02) 15 ects		Exam and Project presentation	Bibliography module B	« 3 Ret stabilité des génomes » semaine 2		
sem3	12-16 jan	Molecular Biology of the Cell (12/01-13/02) 15 ects							
sem4	19-23 jan								
sem5	26-30 jan								
sem6	2-6 fev								
sem7	9-34 fev								
sem8	16-20 fev			Rôles multiples de l'ARN (9/02-20/02) 6 ects					
sem9	23-27 fev								

Febrary International workshop Florence

Rome: (29/09 - 3/10)
Trieste : REGULATION OF GENE EXPRESSION (20/10 - 24/10)
Padoue : MODEL IN GENETIC DISEASES RESEARCH (20/10 - 24/10)
Milan : MULTIDISCIPLINARY COURSES (20/10 - 24/10)
Barcelone : NEURAL DEVELOPMENT AND NEUROLOGICAL OR PSYCHIATRIC DISORDERS (15/12 - 19/12)
Paris : CYCLING TO DIVIDE, ACROSS SCALES, SPECIES AND EVOLUTION (20/10 - 24/10)
Florence : BASIC AND TRANSLATIONAL ONCOLOGY (Febrary)