

Planning modules M2 Génétique 2025-26

Institut Pasteur				EvoGEM			
sem37	08-12 sep			Math 0	Evolution and Development		
sem38	15-19 sep	Development and Plasticity of the Nervous System (15/09 - 19/10) 12 ects	Human Population Genomics & Genetic Epidemiology	Informatique 0	Cell imaging	Neurodevelopment, Prematurity, Homeostasis	
sem39	22-26 sep			Evolution (3 ects)	Optobiology: sensors and actuators of cellular activities		
sem40	29 sept-3 oct			Tutored project (3 ects)	International workshop : Rome	Human Genetics and Hematology	Normal and pathological intracellular signalisation
sem41	6-10 oct			Math 1 (3 ects)	Bacterial Genetic : from Evolution to Engineering	Stem Cells	Cellular and Developmenta Neurobiolog
sem42	13-17 oct						
sem43	20-24 oct			Génétique des populations (6 ects)	Cellular aspects of development	Bacterial Host-Pathogen Interaction	Genomic analysis of cancers
sem44	27-31 oct				International workshop (Trieste, Padoue, Milan, Paris)		Aging and Neurodegenerative diseases
sem45	3-7 nov	Analyse des génomes (3/11-19/12) 15 ects	Génétique et épigénétique moléculaire (3/11 - 19/12) 15 ects		Genetic and Epigenetics of multifactorial diseases	« 3 R et stabilité des génomes » semaine 1	Genomics
sem46	10-14 nov*			Tutored project	Création d'entreprise (6 ects)	Human Biodemography	Functional genomic analysis: integrating sequencing data fromtranscriptomics and Epigenomics. RNA-seq
sem47	17-21 nov						
sem48	24-28 nov			Quantitative Genetics (6 ects)	Congenital pathologies: Integrative insights from organo	Artificial Intelligence in advancing Biology and Genetic	Genetics predisposition to cancer
sem49	1-5 dec				Somatic Genetic of Cancer	Molecular Genetic of Human diseases	Human genetics of infectious diseases
sem50	8-12 dec			Tutored project	Human Genetics and Neurobiology	Human Evolutionary Genetics	Epigenetics
sem51	15-19			Comparative Phylogenetics (6 ects)	Cell Identity and gene expression regulation	RNA seq	Génétique et Physiologie de la reproduction
sem52	22-26 dec				Bibliography module A	International workshop (Barcelone)	Biotherapy
sem1	29 dec-2 jan						
sem2	5-9 jan			Exam and Project presentation	Bibliography module B	« 3 R et stabilité des génomes » semaine 2	
sem3	12-16 jan	Molecular Biology of the Cell (12/01-13/02) 15 ects	Mouse Genetics 05/01-13/02) 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						

February 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 (February)