



University of Minho
School of Medicine

GENETICS AND MOLECULAR BIOLOGY IN BIOMEDICINE

March 30 – April 16, 2027 ::: 3rd Edition

Day	Start	End	Theme
30/03/2027	09:00	10:00	Course presentation
	10:00	10:30	Flash Talks I - The student's perspective on genetics and molecular biology
	10:30	11:00	Formation of groups and selection of projects and articles.
	11:15	13:15	Theoretical Session I - Transcription, translation and protein sorting
	14:00	16:00	Theoretical Session II - Mechanisms of regulation of gene expression
	16:00	17:00	Mentoring session: Hands-on Project
31/03/2027	09:00	11:00	Theoretical Session III - Genetic diversity and genotype-phenotype correlations
	11:30	12:30	Mentoring Session: Journal Club
	14:00	17:00	Practical Session I: Hands-on Project
01/04/2027	09:00	11:30	Theoretical Session IV - Genomics, transcriptomics and proteomics
	14:00	15:30	Recap Opcional - Projeto 'hands-on'
02/04/2027	09:00	11:30	Theoretical Session V - Techniques for genetic modification
	12:00	13:00	Mentoring session: Hands-on Project
06/04/2027	09:00	10:00	Practical Session II: Hands-on Project
	09:00	11:00	Feedback Session: Hands-on Project
	11:00	12:30	Mentoring session: Hands-on Project
07/04/2027	10:30	12:30	Breakout Session and Group Discussion.
08/04/2027	09:00	11:00	Feedback Session: Journal Club
	14:00	17:00	Student Presentation: Hands-on Project
09/04/2027	09:30	12:30	Student Presentation: Journal Club
13/04/2027	10:00	11:00	International Seminar
	11:00	12:30	Round Table
	14:00	15:00	International Seminar
	15:00	16:30	Round Table
14/04/2027	10:00	11:00	International Seminar
	11:00	12:30	Round Table
	14:00	15:00	International Seminar
	15:00	16:30	Round Table
16/04/2027	14:30	17:00	Final Exam