



University of Minho
School of Medicine

GENETICS AND MOLECULAR BIOLOGY IN BIOMEDICINE

March 24 – April 17, 2026 ::: 2nd Edition

Day	Start	End	Theme
24/03/2026	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	Group formation 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
25/03/2026	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
26/03/2026	09:00	11:30	Theoretical Session IV - Genomics, transcriptomics and proteomics
	14:00	15:30	Recap Opcional - Projeto 'hands-on'
27/03/2026	09:00	11:30	Theoretical Session V - Techniques for genetic modification
	12:00	13:00	Mentoring session: Hands-on Project
07/04/2026	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
08/04/2026	10:30	12:30	Breakout session and group discussion
09/04/2026	09:00	11:00	Feedback Session: Journal Club
	14:00	17:00	Student Presentation: Hands-on Project
10/04/2026	09:30	12:30	Student Presentation: Journal Club
14/04/2026	10:00	11:00	International Seminar
	11:00	12:30	Round Table
	14:00	15:00	International Seminar
	15:00	16:30	Round Table
15/04/2026	10:00	11:00	International Seminar
	11:00	12:30	Round Table
	14:00	15:00	International Seminar
	15:00	16:30	Round Table
17/04/2026	14:30	17:00	Final Exam