

MCIB-IV CALENDAR (updated Nov 18th 2020).**Lecture;** virtual lectureLectures will be at CIB Lecture Hall and/or via Zoom (<https://rediris.zoom.us/j/3603237086>)**Text in black:** research topics lectures**Text in blue:** advanced methods and practical sessions**Text in grey:** Journal club sessions and lab rotations

MOLCELBIO – Molecular Cell Biology			
Mon 09-11	9:30 – 12:30	HOLIDAY	
Tue 10-11	09:30 – 10:30	The concept of the gene (I)	Claudio Scazzocchio
	10:30 – 11:30	The concept of the gene (II)	Claudio Scazzocchio
	11:30 – 12:30		
Wed 11-11	09:30 – 10:30	The Central Dogma (I): Transcription and RNA polymerases	Carlos Fernández Tornero
	10:30 – 11:30	Transcriptional regulation of gene expression (prokaryotes)	Eduardo Díaz
	11:30 – 12:30	Transcriptional regulation of gene expression (eukaryotes)	Eduardo Espeso
Thu 12-11	09:30 – 10:30	The central Dogma (II): Translation; the ribosome	Mikel Valle (CIC-Bioegune)
	10:30 – 11:30	The Central Dogma (III): DNA replication and genome integrity	Mohammed Al Mamun (Rodrigo Bermejo)
	11:30 – 12:30	Meiosis	Jesús Carballo
Fri 13-11			
	10:30 – 11:30	Mitosis	María Sacristán (CIC-USAL)
Mon 16-11	09:30 – 10:30	An introduction to the cell cycle	Arturo Calzada
	10:30 – 11:30	Post-translational regulation of protein function	Lola Pérez-Sala
	11:30 – 12:30	The organization of DNA in chromatin. Epigenetics	MA Vidal
Tue 17-11			
	10:30 – 11:30	MAPK pathways; Methodology for studying these pathways (I)	María Molina (UCM)
	11:30 – 12:30	MAPK pathways; Methodology for studying these pathways (II)	María Molina (UCM)
Wed 18-11	09:30 – 10:30		
	10:30 – 11:30	4D microscopy-multidimensional acquisition	Miguel Peñalva
	11:30 – 12:30	Fundamentals of Confocal microscopy	M ^a Carmen Risueño

Thu 19-11	09:30 – 10:30	Intracellular Traffic	Miguel Peñalva
	10:30 – 11:30	Small GTPases: RABs and their effectors	Miguel Peñalva
	11:30 – 12:30		
Fri 20-11	09:30 – 10:30		
	10:30 – 11:30	RHO GTPases	Pilar Pérez (IBFG-USAL)
	11:30 – 12:30		
Mon 23-11	10:30 – 11:30	Fundamentals of mitochondrial bioenergetics	Eduardo Rial
	12:00 – 13:30		
Tue 24-11			
	11:30 – 12:30	Flow cytometry: Principles and theory	Pedro Lastres
	12:30 – 13:30	Flow cytometry: Principles and theory	Pedro Lastres
Tue 25-11	09:30 – 10:30		
	10:30 – 11:30	Autophagy	Patricia Boya
	11:30 – 12:30		
Thu 26-11	09:30 – 10:30		
	10:30 – 11:30	Apoptosis	JL Rodríguez
	11:30 – 12:30		
Fri 27-11	12:00 – 14:00	M2: SEMINAR – Noburu Mizushima	
Mon 30-11	09:30 – 10:30	JOURNAL CLUB	
	10:30 – 11:30	JOURNAL CLUB	
	11:30 – 12:30	JOURNAL CLUB	
Tue 01-12	09:30 – 10:30		
	10:30 – 11:30	Cellular Competition (I)	Ginés Morata (CBM)
	11:30 – 12:30	Cellular Competition (II)	Ginés Morata (CBM)
Fri 11-12		EXAM MOLCEL BIO	