

PhD Courses @Tigem *Academic Year 2022-2023*

Title	Teacher	Year	When	TIME
Introduction to IP and patent	Piera Calamita, Telethon	II-III	Wed Feb 1	12-13:30
Introduction to Genomics	di Bernardo	I	Wed. Feb 15	10-12
Microscopy in modern biomedical research	Polishchuk	I	Wed. Feb 15	15-17
Introduction to Gene Therapy and use of AAV vectors in Gene Therapy	Auricchio	I	Fri. Feb 17	10-12
High-content screening	Medina	I	Wed. Feb 22	10-12
From Gene to human Disease	Franco	I	Thu. Mar 23	10-12
Molecular Oncology	Carotenuto	I	Fri. Feb 24	10-12
Design of in vivo animal models experiments	De Leonibus	I	Mon. Feb 27	10-12
Lysosomes as dynamic modulators of cell metabolism	Napolitano	I	Mon. Feb 27	15-17
Introduction to Histological Analysis	Sorrentino	I	Wed. March 1	10-12
Introduction to cell biology	De Matteis	I	Wed. March 1	15-17
Genome editing: from theory to bench	Monfregola	I	Thu. March 2	10-12
Introduction to Next Generation Sequencing	Cacchierelli	I	Fri. March 3	10-12
Functional Genomics	Banfi	I	Tue. March 28	10-12
Fifty Shades of Proteomics: from basic science to clinical applications	Grumati	I	Mon. March 6	15-17
Introduction to statistical analysis and experimental design	Del Prete	I	Wed. March 8	10-12
Virology	Cortese	I	Wed. March 8	15-17
Medaka models for human diseases	Conte	I	TBD	
Introduction to Bioinformatics	Gambardella	I	Fri. March 17	10-12
Membrane contact sites Gene therapy for human disease Gene therapy for human disease	Venditti	II	Mon. March 20	10-12
Phosphoproteomics	Sacco	II	Mon. March 20	14,30-16,30

3D Organoids	Pastore	II	Wed. March 22	10-12
Gene therapy for human disease	Trapani	II	Wed. March 22	15-17
In vivo genome editing for the treatment of inborn errors of metabolism	Piccolo	II	Thu. March 23	10-12
Diagnostic application of NGS	Cacchiarelli	II	Fri. March 24	15-17
Mitochondrial diseases	Indrieri	II	Mon. March 27	10-12
Clinical trials: Clinical Protocols	G.Parenti	II	Mon. March 27	15-17
Presentation skills	Bouche'	II	Wed. March 29	10-12
Clinical Gene Therapy	Brunetti-Pierri	II	Wed. March 29	15-17
Stem cells and the evolving notion of cellular identity	Cesana	II	Thu. March 30	10-12
Autophagy in human disease	Cinque	II	Fri. March 31	10-12
Kidney Organoids: a novel multifaceted tool to study renal development and to model rare diseases	Staiano	II	Mon. April 3	10-12
Hereditary Renal Cystic Disorders	di Malta	II	Mon. April 3	15-17
Gene variant interpretation in rare diseases	Morleo	II	Wed. April 5	10-12
Bioinformatics tools for gene and protein analysis	R.De Cegli	II	Wed. April 5	10-12
CV writing and Job Application	D.Sanges	III	Mon. May 8	10-12
Funding Opportunities and Grant Writing	V. Bouche'	III	Wed. May 10	10-12
Grant manager as a career	V. Bouche'	III	Fri. May 12	10-12
General Data Protection Regulation (GDPR): the impact on scientific research	V. Bouche'	III	Mon. May 15	10-12