

PhD Courses @Tigem *Academic Year 2021-2022*

Title	Teacher	Year	Tipologia corso	When	TIME
Introduction to Cell Biology	L.Staiano	I	Introductory Course	November 21	10-12
Introductory course for statistical analysis of biology data	A.Iuliano	I	Introductory Course	November 21	10-12
Introduction to coding	G.Gambardella	I	Introductory Course	November 21	10-12
Introduction to scientific methodology and Experimental design	C.Settembre	I	Introductory Course	November 21	15-17
Ethics and Bioethics	I.Conte	I	Introductory Course	November 21	10-12
Presentation skills I	R.Castello	I	Introductory Course	November 21	15-17
Research integrity	G.Diez Roux	I	Introductory Course	November 21	10-12
Procedures for laboratory data collection and management	C.Sorrentino	I	Introductory Course	November 21	15-17
Introduction to Gene Therapy	I.Trapani	I	Introductory Course	November 21	10-12
Presentation skills II	R.Castello	I	Introductory Course	November 21	10-12
Ethics and Bioethics	I.Conte	I	Introductory Course	November 21	10-12
Membrane trafficking	R.Venditti	I	Specialistic Course	November 21	10-12
Therapies for inborn errors of metabolism	N.Brunetti-Pierri	I	Specialistic Course	November 21	15-17
Design of in vivo animal models experiments	E.De Leonibus	I	Specialistic Course	November 21	10-12
Introduction to Next Generation Sequencing	D.Cacchiarelli	I	Specialistic Course	December 21	10-12
Molecular Oncology	P.Carotenuto	I	Specialistic Course	December 21	10-12
Anatomy and Physiology of the Nervous System	I.Sambri	I	Specialistic Course	December 21	10-12
3D Organoids	N.Pastore/L.Staiano/ P.Tornabene	I	Specialistic Course	December 21	10-12

Therapeutic approaches for disorders involving the Nervous System	C.Sorrentino/I.Sambri	I	Specialistic Course	December 21	10-12
UREA cycle disorders	L. Soria	I	Specialistic Course	TBD	
Adeno-associated virus (AAV) vectors-based Gene Therapy	A.Auricchio	I	Specialistic Course	December 21	10-12
Clinical Gene Therapy	N.Brunetti	I	Specialistic Course	December 21	15-17
Clinical trials: Clinical Protocols	G.Parenti	I	Specialistic Course	December 21	15-17
Introduction to Next Generation Sequencing	D.Cacchiarelli	I	Specialistic Course	January 22	15-17
Introduction to network theory and its application to biomedicine	D.di Bernardo	I	Specialistic Course	January 22	15-17
Fifty Shades of Proteomics: from basic science to clinical applications	P.Grumati	I	Specialistic Course	January 22	10-12
Bioinformatics tools for gene and protein analysis	R.De Cegli	I	Specialistic Course	January 22	10-12
Statistical Analysis of data	A.Iuliano	I	Specialistic Course	January 22	11-13
Statistical Analysis of data II	A.Iuliano	I	Specialistic Course	TBD	11-13
Laboratory Diagnostics	R.Castello	I	Specialistic Course	January 22	10-12
In vivo genome editing for the treatment of inborn errors of metabolism	P.Piccolo	II	Specialistic Course	January 22	10-12
General Data Protection Regulation (GDPR): the impact on scientific research	V.Bouchè	II	Complementary Skills	January 22	10-12
Exploitation of results	TBD	II	Complementary Skills	January 22	10-12
Large genes delivery	I.Trapani/P.Tornabene	II	Specialistic Course	January 22	10-12
Investigate cell fate decisions through integrative genomics	D.Cacchiarelli	II	Specialistic Course	January 22	15-17

miRNAs in mitochondrial diseases	A.Indrieri/S.Carrella	II	Specialistic Course	January 22	10-12
Statistical analysis of quantseq data	A.Iuliano	II	Specialistic Course	January 22	10-12
Statistical analysis of quantseq data (Practice)	A.Iuliano	II	Specialistic Course	TBD	10-12
Stem cells generation and manipulation	M. Cesana	II	Specialistic Course	TBD	
Functional Genomics	S.Banfi	II	Specialistic Course	January 22	15-17
Modern histopathology of neoplastic diseases.	G.Troncone	II	Specialistic Course	January 22	15-17
Genetics and epigenetics of cancer	L.Chiarotti/E. Avvedimento	II	Specialistic Course	January 22	15-17
CV writing and Job Application I	R.Castello	III / IV	Complementary Skills	February 22	10-12
Grant manager as a career	M.Mea	III / IV	Complementary Skills	February 22	10-12
CV writing and Job Application II	R.Castello	III / IV	Complementary Skills	February 22	10-12
Funding Opportunities and Grant Writing	R.Castello	III / IV	Complementary Skills	February 22	10-12