

FIRST YEAR

CFU 2,5

Basic Courses

Lesson	Teacher	AREA	When	Time	Where
High-content screening	Diego Medina	CB	14 Apr 25	9 - 11	Positano
Lysosomes as dynamic modulators of cell metabolism	Gennaro Napolitano	CB	14 Apr 25	11 - 13	Positano
Membrane contact sites	Rossella Venditti	CB	14 Apr 25	11 - 13	Positano
Stem cells and the evolving notion of cellular identity	Marcella Cesana	CB	15 Apr 25	11 - 13	Positano
Virology	Mirko Cortese	CB	15 Apr 25	9 -11	Positano
Molecular Oncology and Precision Medicine	Pietro Carotenuto	CB	16 Apr 25	9 -11	Positano
Introduction to Genomics	Diego di Bernardo	G&HG	9 Jun 25	9 - 11	Positano
Introduction to Bioinformatics	Gennaro Gambardella	G&HG	9 Jun 25	11 - 13	Positano
Animal models for the study of human diseases	Nunzia Pastore	CB	17 Apr 25	10 - 12	Positano
Introduction to Gene Therapy and use of AAV vectors in Gene Therapy	Alberto Auricchio	MT	20 May 25	9,30-11,30	Positano

SECOND YEAR

CFU 6

Specialistic Courses

LESSON	TEACHER	AREA	When	Time	WHERE
Membrane trafficking	Antonella De Matteis	CB	16 Apr 25	9 -11,30	Positano
Kidney Organoids: a novel multifaceted tool to study renal development and to model rare diseases	Leopoldo Staiano	CB	17 Apr 25	11–13,30	Positano
Microscopy in modern biomedical research	Roman Polishchuk	MBR	5 May 25	9 – 11,30	Positano
Genome editing: from theory to bench	Jlenia Monfregola	MBR	5 May 25	11 - 13	Positano
Design of in vivo animal models experiments	Elvira De Leonibus	MBR	6 May 25	10 - 12	Positano
The Therapeutic Editing Toolkit: From Genome to Beyond	Pasquale Piccolo	MBR	7 May 25	9–11,30	Positano
Introduction to Histological Analysis	Nicolina Cristina Sorrentino	MBR	7 May 25	11 - 13	Positano
Fifty Shades of Proteomics: from basic science to clinical applications	Paolo Grumati	MBR	8 May 25	10 – 12,30	Positano
Bioinformatics tools for gene and protein analysis	Rossella De Cegli	MBR	9 May 25	10 - 12	Positano
Introduction to statistical analysis and experimental design	Eugenio Del Prete	MBR	12 May 25	11 – 13,30	Positano
Introduction to Next Generation Sequencing	Davide Cacchiarelli	MBR	13 May 25	9 - 11	Positano
Diagnostic application of NGS	Davide Cacchiarelli	MBR	13 May 25	11 – 13,30	Positano
Phosphoproteomics	Francesca Sacco	MBR	14 May 25	14 – 16,30	Positano
Clinical trials: Clinical Protocols	Giancarlo Parenti	MT	21 May 25	15 -17	Positano
Gene therapy for human disease	Ivana Trapani	MT	22 May 25	10 - 12	Positano
Clinical Gene Therapy	Nicola Brunetti	MT	23 May 25	15 -17	Positano
From Gene to human Disease and Ciliopathies	Brunella Franco	G&HG	10 Jun 25	9 - 11	Positano
Functional Genomics	Sandro Banfi	G&HG	11 Jun 25	9 - 11	Positano
Mitochondrial diseases	Alessia Indrieri	G&HG	11 Jun 25	11 - 13	Positano
Autophagy in human disease	Laura Cinque	G&HG	12 Jun 25	10 - 12	Positano
Hereditary Cancer Syndrome	Chiara di Malta	G&HG	13 Jun 25	9 - 11	Positano
Gene variant interpretation in rare diseases	Manuela Morleo	G&HG	13 Jun 25	11 - 13	Positano

THIRD YEAR

CFU: 1,5

Complementary skills

LESSON	TEACHER	AREA	When	Time	WHERE
Introduction to IP and patent	Daniela Sanges	CS	3 Mar 25	9 -11	Positano
Presentation skills	Valentina Bouche'	CS	4 Mar 25	9 - 11	Positano
Funding Opportunities and Grant Writing	Valentina Bouche'	CS	5 Mar 25	14:30 - 16:30	Positano
CV writing and Job Application	Daniela Sanges	CS	6 Mar 25	9 - 11	Positano
Grant manager as a career	Valentina Bouche'	CS	6 Mar 25	11 - 13	Positano
General Data Protection Regulation (GDPR): the impact on scientific research	Valentina Bouche'	CS	7 Mar 25	10-12	Positano

CS = Complementary Skills

G&HG = Genomics & Human Genetics

MBR = Methods in Biomedical Research

MT = Molecular Therapy

CB = Cell Biology