PhD in Biotechnology: Lectures 2024

Course			Professor	CFU	Dates	Times
BIOINFORMATICS	I	Introduction to Data analysis and data formats	Gianluigi Cardinali	2	February 26-28, 2024	9-13 (26);14:30-18-30 (27 and 28)
	II	Introduction to Basic Programming in Biotecnologies	Gianluigi Cardinali	1	March 5 and 12, 2024	14:30-18:30
PHOTONICS	I	Femtobiology	Benedetta Carlotti	2	March 6-8, 2024	14:30-18:30
	II	Two-photon absorption for bio-applications	Alessio Cesaretti	1	September 26 and 27, 2024	14:30-17:30
SAFETY IN BIOTECHNOLOGY LAB	I	Safety in biotechnology	Assunta Marrocchi	2	November 6-8, 2023	15-18
	II	Bioprocesses	Assunta Marrocchi	1	June 18 and 19, 2024	15-18
ADVANCED BIOINFORMATICS		Advanced databasing and programming in biotechnology	Vincent Robert	3	TBD	TBD
ADVANCED MEDICAL BIOTECHNOLOGY	I	Transcriptomics Data Mining Theory	Giuseppe Nocentini	1	June 3 and 4, 2024	14:30-17:30
	II	Transcriptomics Data Mining Practice	Luigi Cari	1	June 5 and 6, 2024	14:30-17:30
	III	Cancer Immunotherapy	Stefano Bruscoli & Efisio Puxeddu	1	June 17 and 18, 2024	15-18
	IV	Introduction to Biomarkers	Lorena Urbanelli	1	May 22 and 23, 2024	14:30-17:30
WRITING EU RESEARCH PROJECTS		Writing EU Research Projects	Sara Alimenti	1	April 11 and 17, 2024	14:30-17:30
BIOASSAYS IN BIOTECHNOLOGY		Bioassays in Biotechnology	Laura Corte	1	September 11 and 12, 2024	14:30-17:30
GENE EDITING	I	Gene Editing	Stefano Bruscoli & Francesco Paolocci	2	September 16-18, 2024	15-18
	II	Machine Learning applied to Gene Editing	Francesco Morena	2	May 13-16, 2024	15-18
FOOD AND ENVIRONMENTAL BIOTECHNOLOGY	I	Functional Foods	Florentina Matei	1	June 11 and 12, 2024	14:30-17:30
INTRODUCTION TO ROBOTIC AND AI-BASED SURGERY	I	Introduction to Robotic and AI-based Surgery	Fabio Rondelli	1	TBD	TBD
ETHICS OF THE SCIENTIFIC RESEARCH	I	Scientific and Technological Foundations	Gianluigi Cardinali	1	TBD	TBD
	II	Ethical Foundations	Marco Moschini	1	TBD	TBD
HT DATA GENERATION		HT Data Generation	Jacopo Lucci	1	May 6 and 7, 2024	10-13

N.B.: Please check the Unistudium PhD website to know <u>where</u> the lectures will be given and to <u>register in advance</u> to each course.