

Class of training	Specific courses	UCBL	UGR	UNIPD	TUM	NIC
(a) scientific training	Train through research					
	Planning and performing experiments of individual research projects					
	Monthly high-end seminars on the 5 research topics					
	Python and R programming					
	Data mining, machine learning & big data (in presence and MOOC)					
	Pathophysiology of mitochondria: From energy conservation to disease pathogenesis and therapy					
	Post-translation modifications of proteins: how to survive in a dense forest					
	A journey with the cytotoxic lymphocytes					
	Astrocytes at the centre of the brain of neurons					
	Neuromuscular plasticity					
	Magnetic resonance imaging of the brain					
	Refreshing memories of metabolic pathways					
	Neurodegenerative diseases: Epidemiology, genetics and pathogenesis of brain misfolding diseases					
	Genome editing to engineer in cells, organoids and mice disease-associated mutations					
	3D (bio)printing: fundamentals, techniques and scientific-technical requirements					
	Bioinks & hydrogel generation: techniques for generation & combination with cells					
	Physico-chemical and mechanical characterization of biomaterials					
	Introduction to image analysis in ImageJ					
	Quantum Mechanical Basics of NMR-Spectroscopy (CH3034)					
	Advanced NMR (CH3040)					
	Introduction into the use of the NMR spectrometer (0878)					
	Biomolecular NMR spectroscopy (CH3184a)					
	Biological solid-state NMR (3383)					
Structure and Function of Membrane Protein (4455)						
Pregl Colloquium						
(b) soft skills	Scientific writing 1 – basics					
	Scientific writing 2 – advanced					
	Science communication					
	Scientific illustration					
	Ethics and Research integrity					
	Project management					
	Stress management and work wellbeing					
	Team building and management					
Local language courses						
(c) horizontal /transferable skills	Intellectual property and patenting					
	Writing grant applications					
	Workshop on outreach activities (MT180, macSUP)					
	Entrepreneurship and career development					
	Workshop on open science					
	Workshop in ISO regulation					
	Gender equality in STEM					
	Arqus Career week outside academia					
	Workshop on mentorship					
Workshop on diversity and inclusiveness in Science						