

PROGRAM A010 : CELL THERAPY, TISSUE ENGINEERING AND REGENERATIVE MEDICINE

YEAR	SEMESTER	COMPREHENSIVE COURSE ESSE3 CODE	COMPREHENSIVE COURSE	COURSE ESSE3CODE	Course	SSD	COURSE COORDINATOR	CREDITS	HOURS	PROFESSOR	
1	I	MS2135	Principles of Regenerative Medicine and Tissue Engineering	MS2139	Basic Principles of Applied Immunology	MED/04		2	12	CHIOCCHETTI	Annalisa
				MS2136	Functional Human Anatomy	BIO/16	X	1	6	BOCCAFOSCHI	Francesca
				MS2138	Mechanobiology and Mechanotransduction	MED/50		1	6	COCHIS	Andrea
				MS2137	Tissue Regeneration by Stem Cells	BIO/17		2	12	BORSOTTI	Chiara
1	I	MS2116	Molecular Basis of Neoplastic and proliferative disorders	MS2117	Experimental oncology	MED/04	X	8	48	ISIDORO	Ciro
				MS2118	Hematoncology	MED/15		5	50	GAIDANO	Gianluca
1	I	MS0455	Functional Genomics	MS0458	Genetics	BIO/18		1	8	GAGLIARDI	MARA
				MS0456	Genomic analysis	MED/03	X	5	30	GIORDANO	Mara
				MS0457	Regulation of gene expression	BIO/10		5	30	BALDANZI	Gianluca
1	II	MS0491	Molecular Basis of Regenerative Medicine	MS2120	Histology, Gene and Cell Therapy	BIO/17	X	5	30	MERLIN	Simone
				MS2121	Molecular Regenerative Medicine	BIO/11		5	30	ORSO	Francesca
1	II	MS2140	Applied Biomaterials and Nanotechnologies	MS2141	Applied Nanotechnologies for Regenerative Medicine	MED/50	X	1	6	RIMONDINI	Lia
				MS2142	Biomaterials development and analytical technologies	ING-IND/34		5	30	SERRA	Tiziano
1	II	MS0465	Molecular therapy	MS0466	Biotechnological applications	BIO/13		6	36	ELLIS	Steven Robert
				MS0467	Pharmacology	BIO/14	X	5	30	CARGNIN	Sarah
1	II	MS2143	3D models and Technologies for Tissue Engineering	MS2143	3D models and Technologies for Tissue Engineering	MED/50	X	5	30	COCHIS	Andrea

1		MS0497	Optional Activities 1	MS0497	Optional Activities 1			4			
1		MS0495	Internship 1	MS0495	Internship 1			4			
2	I	MS2122	Scientific English Course for the thesis	MS2001	Scientific English Course for the thesis				40		
2	I	MS2144	Synthetic Biology	MS2144	Synthetic Biology	BIO/13		6	36		
2	I	MS2145	Preclinical studies and regulatory aspects	MS2146	Biomaterials Immunomodulation	MED/04					
		MS1249	Functional and Applied Cell and Tissue Engineering	MS2147	In vitro and in vivo Preclinical models	BIO/17		3	18		
2	II			MS2150	Functional Tissue Engineering	BIO/16		5	30		
				MS2152	Tissue Engineering in Orthopedics	MED/33		2	12		
2		MS0498	Optional Activities 2	MS0498	Optional Activities 2			4			
2		MS0496	Internship 2	MS0496	Internship 2			6			
2		MS2129	Experimental thesis	MS2129	Experimental thesis			11			