

**PROGRAM A005 : THE MOLECULAR BASIS OF DISEASE**

YEAR	SEMESTER	COMPREHENSIVE COURSE ESSE3 CODE	COMPREHENSIVE COURSE	COURSE ESSE3CODE	Course	SSD	COURSE COORDINATOR	CREDITS	HOURS	PROFESSOR	
1	I	MS0452	Fertility, reproduction and endocrine system biotechnologies	MS0454	Biotechnology of reproduction	MED/40		2	12	REMORGIDA	Valentino
				MS0453	Endocrinology and Metabolism	MED/13	X	2	12	MARZULLO	Paolo
				MS2874	Molecular Radiotherapy	MEDS-22/A		1	6	FRANCO	Francesco
1	I	MS0468	Molecular virology	MS0468	Molecular Virology	MED/07	X	5	30	GARIGLIO	Marisa
				MS0468	Molecular Virology	MED/07		1	6	LO CIGNO	Irene
1	I	MS2116	Molecular Basis of Neoplastic and proliferative disorders	MS2117	Experimental oncology	MED/04		2	12	FERRARESI	Alessandra
							X	6	36	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	MS0459	Internal Medicine	MS0459	Internal Medicine	MED/09	X	5	30	BELLAN	Mattia
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		MS0497	Optional Activities 1	MS0497	Optional Activities 1			4			
1		MS0495	Internship 1	MS0495	Internship 1			4			
2	I	MS0473	Public health and regulatory aspects	MS0476	Biomedical statistics	MED/01	X	5	30	FERRANTE	Daniela
				MS0475	Innovation and Patents	SECS- P/07		1	8	GATTEI	Valter
				MS0474	Public Health	MED/42		5	30	MASINI	Alice
2	I	MS0480	Transplantation and Biocompatibility	MS0482	Biotechnology in kidney transplantation	MED/14		1	6	CANTALUPPI	Vincenzo
2	I			MS0481	Hematopoietic stem cell biology and transplantation	MED/15		1	8	PATRIARCA	Andrea
2	I			MS0484	Materials Biocompatibility	BIO/16		1	6	BOCCAFOSCHI	Francesca
2	I			MS0485	Nanomaterials	MED/28	X	1	6	RIMONDINI	Lia
2	I			MS0483	Transplant immunology	MED/04		2	12	CHIOCCHETTI	Annalisa
2	II	MS0461	Molecular diagnostics	MS0463	Clinical applications of Molecular Biology	BIO/12	X	5	30	CAPELLO	Daniela
2				MS0464	Clinical Pathology	MED/05		1	6	RAINERI	Davide
2				MS0462	Pathologic basis of diseases	MED/08		5	30	MAHMOUD	Abdurraouf Mokhtar
2	I	MS2001	Scientific English Course for the thesis	MS2001	Scientific English Course for the thesis			3	30		

2		MS0498	Optional Activities 2	MS0498	Optional Activities 2			4			
2		MS0496	Internship 2	MS0496	Internship 2			6			
2		MS0451	Experimental thesis	MS0451	Experimental thesis			14			