



PLANT MOLECULAR BIOLOGY AND BIOTECHNOLOGY - II

Enrollment year	2016/2017
Academic year	2017/2018
Regulations	DM270
Academic discipline	BIO/04 (PLANT PHYSIOLOGY)
Department	DEPARTMENT OF BIOLOGY AND BIOTECHNOLOGY "LAZZARO SPALLANZANI"
Course	
Curriculum	PERCORSO COMUNE
Year of study	2°
Period	1st semester (01/10/2017 - 14/01/2018)
ECTS	3
Lesson hours	24 lesson hours
Language	English
Activity type	ORAL TEST
Teacher	MACOVEI ANCA - 3 ECTS
Prerequisites	Basic knowledge molecular and cellular biology is required
Learning outcomes	This part of the course aims at highlighting the importance of plant biotechnology, providing past and current approaches in plant genetic modification (GM) technology of high impact for the agro-economic sectors
Course contents	Plant biotechnology: classification and impact. Genetically Modified Plants: technology and essential applications. Molecular farming: use of plants for the production of relevant biomolecules
Teaching methods	Frontal lessons
Recommeneded or required readings	Specialized articles on international scientific journals are suggested instead of text books

Assessment methods	Written essay and oral exam
Further information	Written essay and oral exam
Sustainable development goals - Agenda 2030	\$lbl legenda sviluppo sostenibile