
Code	BENG516
Name	Tissue Engineering and Regenerative Medicine
Hour per week	3 (3 + 0)
Credit	3
ECTS	10
Level/Year	Graduate / Anytime
Semester	Fall and Spring
Type	Elective
Prerequisites	-
Content	Tissue engineering and regenerative medicine aims to give basic information about tissue engineering applications and regenerative medicine, and to describe how regeneration and repair take place in different tissue types. Based on the recent achievements in biotechnology field, cloning and novel drug design technologies will be discussed. The stages towards clinical applications will be thoroughly explained as well as design and preparation of the scaffolds with multifunctional characteristics for an efficient tissue regeneration.
