

Research topic	Coordinator	Contact
Senescence markers in stem cells	Florin Iordache	floriniordache84@yahoo.com
Molecular mechanisms involved in stem cell senescence		
MicroRNA involved in stem cell differentiation		
Epigenetic mechanisms involved in senescence		
Blood vessel bioprinting		
Development of suture fibers as surgical bio-tools to reduce wound-related complications	Anca Hermenean	anca.hermenean@gmail.com
Scaffolds for growth factor delivery as applied to bone tissue engineering		
Scaffolds for scar-free wound healing in diabetes		
Mesoporous platforms for the targeted delivery of polyphenols (for the treatment of dysbiosis and the neoadjuvant therapy of cancer)	Anton Ficai	anton.ficai81@yahoo.com
Bone grafting materials with regenerative / antitumoral / antiosteoporotic capacity		
Nanomaterials: risks (nanotoxicology) and opportunities		
Palladium nanoparticles	Marius Radulescu	radulescu_marius@yahoo.com
Titanium dioxide nanoparticles		
Magnetite-based materials and nanomaterials for drug delivery applications	Cristina Chircov	cristina.chircov@yahoo.com
3D printed scaffolds for tissue engineering and regeneration		
Comparative study - doped hydroxyapatite derived from natural sources for bone defects applications	Ionela-Andreea Neacsu	neacsu.a.ionela@gmail.com
Biological investigation of biomaterials based on bioactive glass and doped hydroxyapatite for bone tissue engineering		
Black phosphorus based scaffolds for bone tissue engineering		
Wound dressing based on chitosan and polycaprolactone for skin regeneration		
Natural-Based Hydrogels for Skin Tissue Engineering Applications		
Drug delivery systems for cancer treatment	Vladimir Lucian Ene	vladimir.l.ene@gmail.com
Nanostructured UV absorbent coatings		
Wound dressing antimicrobial formulations based on selenium		
Imaging techniques for 3D tissue engineering	Gabriela Niculescu	gnicules@gmail.com
Saliva as a diagnostic tool		
Microfluidics routes for the synthesis of nanoparticles	Alexandru Mihai Grumezescu	grumezescu@yahoo.com
Antimicrobial nanoparticles		