

Gamze Torun Köse



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Research Interest

Stem Cells, Biomaterials, Tissue Engineering

Biography

BSc: Biology, METU 1994

MSc: Biotechnology, METU 1996

Phd: Biotechnology, METU 2002

Paper (41 Research Papers, 140 Proceedings and Abstracts)

1. G.Gurel Pekozer, G.T.Kose*, V.Hasirci, Influence of co-culture on osteogenesis and angiogenesis of bone marrow mesenchymal stem cells and aortic endothelial cells, *Microvascular Research*, 108, 1-9, doi: 10.1016/j.mvr.2016.06.005, 2016
2. N.Abay, G.Gurel Pekozer, M.Ramazanoglu, G.Torun Kose, Bone formation from porcine dental germ stem cells on surface modified polybutylene succinate scaffolds, *Stem Cells International*, Article ID 8792191, doi:10.1155/2016/8792191, 2016
3. P.Kulan, Ö.Karabiyik, G.T.Köse, B.Kargül, Biocompatibility of Accelerated Mineral Trioxide Aggregate on Stem Cells Derived from Human Dental Pulp, *Journal of Endodontics*, 42 (2), 276-279, 2016
4. J.Svobodová, V.Proks, Ö.Karabiyik, A.Ceren Çalikoğlu Koyuncu, G.Torun Köse, F.Rypáček, H.Studenovská, Poly(amino acid)-based fibrous scaffolds modified with surface-pendant peptides for cartilage tissue engineering, *Journal of Tissue Engineering and Regenerative Medicine*, doi: 10.1002/term.1982, 2015

Book/Book Chapter (6 Book Chapter)

1. A.Ivkovic, A.Vukasovic, T.Beyzadeoglu and G.Torun Köse, Clinical Relevance of Gene Therapy and Growth Factors in Sports Injuries, DOI 10.1007/978-3-642-36801-1_236-2 # Springer, 2014
2. M. Ramazanoglu, K.A.Schlegel, G.Torun Köse, Potential use of dental stem cells for craniofacial tissue regeneration in *Stem Cells and Regenerative Medicine: Stem cells: Current Challenges and new directions*, K.Turksen, DOI 10.1007/978-1-4614-8066-2, pg 105-124, Humana Press, 2013
3. D.Yucel, I.A.Kanneci, D.Arslantunali, G.Torun Kose, V.Hasirci, Spinal Cord Injury: Tissue Eng. Using Neural Stem Cells, in: *Stem Cells and Cancer Stem Cells, Therap. App. in Disease and Injury*, M.A. Hayat (ed.), Tumors of the Central Nervous System, Vol 10, DOI 10.1007/978-94-007-5681-6_29, Springer, 2013

Courses

GBE 212 Classical and Molecular Genetics, GBE 216 Classical and Molecular Genetics Lab, GBE 432 Cell and Tissue Culture, GBE 433 Biomaterials, GBE 492 Engineering Project, BTEC 533 Advanced Biomaterials, BTEC 535 Mammalian Tissue Engineering

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