Curriculum vitae

Mohammad Salehi Ph.D

Associate Professor

Department of Biotechnology, Cellular and Molecular Biology Research Center, School of Advanced Technologies in Medicine ,Shahid Beheshti University of Medical Sciences

Senior Embryologist at:

Taleghani IVF Center, Tehran, Iran. From 2009

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• Education	• High School Diploma: 1997 • B.Sc , Esfahan University of Medical Sciences, Iran:1997-2001 • M.Sc, In Histology and Embryology, Esfahan University of Medical Sciences, Iran:2001-2004 • Ph.D In Anatomical Sciences, Tehran University of Medical Sciences, Iran: 2004-2009 • Sabbatical leave: Nuclear transfer and transgenic: Kinki University, Nara, Japan (2008- 2009)

Papers	• Nasr-Esfahani MH**, Salehi M,** Razavi S, Mardani M, Bahramian H, Steger K, Oraizi F. Effect of protamine-2 deficiency on ICSI outcome. Reprod Biomed Online 2004; 9:652-658. • **M. salehi,** S. Razavi, M. Mardani,.et al. The relation between Protamine1/Protamine 2 ratio with fertilization, embryo quality and developmental rate in ICSI patients. kowsar medical journal 1385. • **M. salehi,** S. Razavi, M. Mardani,.et al. The relationship between sperm protamine aberrations with protamine P1/ protamine P2 ratio. yakhte medical journal 1383: 24: 212-217. • Nasr-Esfahani MH**, Salehi M,** Razavi S, et al. Effect of Sperm DNA Damage and Sperm Protamine Deficiency on Fertilization and Embryo Development Post ICSI. Reproductive BioMedicine Online 2005: 11: 2: 198–205 • Bahmanzadeh M., Abolhassani F., Amidi F., Ejtemaiemehr Sh., **Salehi M.,** Abbasi M.The effects of nitric oxide synthase inhibitor (L-NAME) on epididymal sperm count, motility, and morphology in varicocelized rat. DARU Vol. 16, No. 1 2008 • Soleimani M, Nadri S, **Salehi M**, Sobhani A, Hajarizadeh A. Characterization of fibroblast-like cells from the rat olfactory bulb. Int Dev Biol 2008: 52: 979-984. • Nematollahi S, Nematbakhsh M, Haghjooyjavanmard S, Khazaei M**, Salehi M.** Inducible nitric oxide synthase modulates angiogenesis in ischemic hindlimb of rat. Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub. 2009, 153(2):1–6. • **Salehi M,** Pasbakhsh P, Soleimani M, Abbasi M, Hasanzadeh G, Modaresi MH, Sobhani A. Repair of spinal cord injury by co-transplantation of embryonic stem cell derived motor neuron and olfactory ensheathing cell. Iran Biomed Journal. 2009, 13 (3):125-135 • A Mohammadi-Sangcheshmeh, M Soleimani, H Deldar, **M Salehi**, S Soudi,. Prediction of oocyte developmental competence in ovine using glucose-6-phosphate dehydrogenase (G6PDH) activity determined at retrieval time. J Assist Reprod Genet. 2012 February; 29(2): 153–158.

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	Following Prolonged Incubation. Andrologia. 2019 Jul;51(6):e13276. doi: 10.1111/and.13276. Epub 2019 Mar 28. • •
• Professional Experiences	2002- Present • Establishment of Nuclear Transfer Embryonic Stem Cell • Nuclear transfer in mouse: Kinki University, Nara, Japan • IVF and ICSI (Mice, Human, Goat, Bovine, Ovine, Monkey) • Somatic cell Nuclear Transfer (SCNT) mice, goat, bovine, Ovine, Monkey • Production of Transgenic goat by SCNT 2013 • Transgenic animal. CRISPR/Cas9
• Teaching and lectures	Embryology, Histology Reproductive Biology Cloning and Transgenesis Genetic Engineering