

Curriculum Vitae

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Personal Information

- Name : Arash
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- Place of Birth: Khoramabad, Lorestan, Iran.
- Marital Status: single
- Academic Position: Assistant Professor of colorectal research center, Iran University of Medical Sciences, Tehran, Iran.
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- **Educational Background**
- Bachelor of Nursing, Kerman University of Medical Sciences, Kerman, Iran.
- Master of Anatomy, Kerman University of Medical Sciences, Kerman, Iran.
- Ph.D of Anatomy, Iran University of Medical Sciences, Tehran, Iran.

Clinical Experiences

- Stem cell therapy for fecal incontinence, pelvic floor defect, rheumatoid arthritis of the knee
- Animal modeling (pelvic floor, anal canal injury, Spinal cord injury, brain injury)
- Colon and rectal surgery observation (all abdominal and perineal approach) for conditions such as cancer, Polyp, FAP, Ulcerative Colitis, Prolapse, Pouch , anorectal surgery, hemorrhoids, Fissure, Fistula, Solitary Rectal Ulcer

Publication

- **Arash Sarveazad**, Graham L. Newstead, Rezvan Mirzaei, Mohammad Taghi Joghataei, Mehrdad Bakhtiyari, Asrin Babahajian and Bahar Mahjoubi*, *A new method for treating fecal incontinence by implanting stem cells derived from human adipose tissue: preliminary findings of a randomized double-blind clinical trial*, Stem cell research and therapy, 2017, DOI 10.1186/s13287-017-0489-2. (published, IF=4.51)

- **Sarveazad A**, Babahajian A, Bakhtiari M, Soleimani M, Behnam B, Yari A, Akbari A, Yousefifard M, Janzadeh A, Amini N, Agah S, Fallah A, Joghataei MT. The combined application of human adipose derived stem cells and Chondroitinase ABC in treatment of a spinal cord injury model. *Neuropeptides*. 2017: 61, 39-47 (**published, IF=2.72**)
- Short and long term complications after pediatric liver transplantation: A review and literature, M Karjoo, MA Kiani, **A Sarveazad**, M Saeidi, F Aghajani, *International Journal of Pediatrics*. 2017:5 (12), 6337-6346. (**published, IF=0**).
- Human adipose-derived stem/stromal cells from children or adults?, **A Sarveazad**, A Babahajian, M Yousefifard, *International Journal of Pediatrics*. 2017: 5 (12), 6779-6780. (**published, IF=0**).
- Efficacy of neuromodulation in fecal incontinence in children; a systematic review and meta-analysis, **A Sarveazad**, A Babahajian, A Yari, J Shamseddin, M Yousefifard, *International Journal of Pediatrics*. 2017: 5 (12), 6563-6577(**published, IF=0**).
- Quantification of plasma cell-free circulating DNA at different stages of colorectal cancer, S Agah, A Akbari, A Talebi, M Masoudi, **A Sarveazad**, A Mirzaei, F Nazmi, *Cancer investigation*, 2017: 35 (10), 625-632. (**published, IF=2.218**).
- Combine effect of Chondroitinase ABC and low level laser (660 nm) on spinal cord injury model in adult male rats, A Janzadeh, **A Sarveazad**, M Yousefifard, S Dameni, FS Samani, , 2017:*Neuropeptides* 65, 90-99. (**published, IF=2.486**).
- Homeodomain protein transforming growth factor beta-induced factor 2 like, X-linked function in colon adenocarcinoma cells, A Akbari, S Agah, M Heidari, GR Mobini, E Faghihloo, **A Sarveazad**, *Asian Pacific journal of cancer prevention: APJCP*. 2017:18 (8), 2101. (**published, IF=1.5**).
- Meta-analysis of neuron specific enolase in predicting pediatric brain injury outcomes, B Nakhjavan-Shahraki, M Yousefifard, A Oraili, **A Sarveazad**, M Hosseini, *EXCLI journal*:2017 16, 995. (**published, IF=1.462**).
- Unusual Cause of Dysphagia, S Agah, R Ghavam, AD Zeidabadi, **A Sarveazad***. *Middle East journal of digestive diseases*. 2017: 9 (1), 58. (**published, pubmed**).
- Hydrogen peroxide: a potent inducer of differentiation of human adipose-derived stem cells into chondrocytes, Farjam Goudarzi, Adel Mohammadalipour, Majid Bahabadi, Mohammad Taghi Goodarzi, **Arash Sarveazad**, Iraj Khodadadi, *Free radical research*. 2018: 52 (7), 763-774. (**published, IF=3.12**).

- The Effects of Different Dose of Chronic Ritalin on the Brain of Prepubertal Female Balb/C Mice, A Katebi, F Golab, G Vahabzadeh, **A Sarveazad**, N Goodarzi, International Journal of Pediatrics:2018, 6 (7), 7883-7892(**published, IF=0**).
- Comparison of hepatitis C virus risk factors in genotypes 1a and 3a, M Bahardoust, S Agah, **A Sarveazad**, AH Faghihi, A Babahajian, Tehran University Medical Journal TUMS Publications, 2018:76 (3), 185-190. (**published, pubmed**).
- 5-year survival rates and prognostic factors in patients with synchronus and metachronus breast cancer from 2010 to 2015. **A Sarveazad**, A Babahajian, J Shamseddin, M Bahardoust, Asian Pacific journal of cancer prevention: APJCP, 2018:19 (12), 3489(**published, IF=1.5**).
- The Effect of Alpha-Tocopherol on Morphine Tolerance-induced Expression of c-fos Proto-oncogene from a Biotechnological Perspective, Soraya Mehrabi, Farinaz Nasirinezhad, Mahmood Barati, Nahid Abutaleb, Shirin Barati, Bahram T Dereshky, Naser Amini, Peiman Brouki Milan, Ahmad Jahanmahin, **Arash Sarveazad**, Ali Samadikuchaksaraei, Masoud Mozafari, Recent patents on biotechnology, 2019: 13 (2), 137-148. (**published, IF=0.3**).
- Efficacy of Enema via Cecostomy for Fecal Disorders in Children: A Systematic Review and Meta-Analysis, A Babahajian, J Shamseddin, **A Sarveazad**, M Yousefifard, International Journal of Pediatrics, 2019. 7 (5), 9429-9441. (**published, IF=0**).
- Potential diagnostic and prognostic value of serum and cerebrospinal fluid biomarkers in traumatic spinal cord injury: A systematic review, M Yousefifard, **A Sarveazad**, A Babahajian, M Baikpour, F Shokraneh, Journal of neurochemistry.2019: 149 (3), 317-330(**published, IF= 4.609**).
- A Novel Intervention Technology for Cerebral Palsy: Brain Stimulation. S RAMEZANI, N AMIINI, F KHODAEI, H SAFAKHEIL, **A SARVEAZAD**, Iranian Journal of Child Neurology, 2019: 13 (2) (**published, IF= 1.04**).
- Neuroprotective Effects of Trolox, Human Chorionic Gonadotropin, and Carnosic Acid on Hippocampal Neurodegeneration After Ischemia-reperfusion Injury. A Babahajian, **A Sarveazad**, F Golab, G Vahabzadeh, A Alizadeh, Current stem cell research & therapy.2019: 14 (2), 177-183(**published, IF= 2.16**).
- Posterior tibial nerve stimulation in fecal incontinence; a systematic review and meta-analysis. **A Sarveazad**, A Babahajian, N Amini, J Shamseddin, M Yousefifard, Basic and Clinical Neuroscience, 2019: In press(**published, IF= 1.3**).
- **Sarveazad A**, Bakhtiari M, Babahajian A, Janzade A, Fallah A, Moradi F, Soleimani M, Younesi M, Goudarzi F, Mohammad Taghi Joghataei.. *Comparison of human adipose-derived stem cells and chondroitinase ABC transplantation on locomotor recovery in the contusion model of spinal cord injury in rats*. Iran J Basic Med Sci. 2014 Sep;17(9):685-93. (**published, IF=1.8**)

- Amini N, Vousooghi N, Hadjighassem M, Bakhtiyari M, Mousavi N, Safakheil H, Jafari L, **Sarveazad A**, Yari A, Ramezani S, Faghihi F, Joghataei MT. Efficacy of Human Adipose Tissue-Derived Stem Cells on Neonatal Bilirubin Encephalopathy in Rats. *Neurotox Res.* 2016 May;29(4):514-24. doi: 10.1007/s12640-016-9599-3. (**published, IF=3.1**)
- Faezeh Faghihi & Esmail Mirzaei & **Arash Sarveazad** & Jafar Ai & Somayeh Ebrahimi Barough & Abolfazl Lotfi & Mohammad Taghi Joghataei. *Differentiation Potential of Human Bone Marrow Mesenchymal Stem Cells into Motorneuron-like Cells on Electrospun Gelatin.* *American J Mol Neurosci.*2014,5:2. 245-256. (**published, IF=2.35**)
- Sohrabi Akhkand S, Amirizadeh N, Nikougofar M, Alizadeh J, Zaker F, **Sarveazad A**, Joghataei MT, Faramarzi M.Evaluation of umbilical cord blood CD34+ hematopoietic stem cells expansion with inhibition of TGF- β receptorII in co-culture with bone marrow mesenchymal stromal cells. *Tissue Cell.* 2016 Aug;48(4):305-11. doi: 10.1016/j.tice.2016.06.003. (**published, IF=1.25**)
- Samaneh Solati Sarvandi, Mohammad Taghi Joghataei, Kazem Parivar, Maryam Khosravi, **Arash Sarveazad**, Nima Sanadgol. In vitro differentiation of mesenchymal stem cells (MSCs) from rat omentum tissue to hepatocyte lineage. *IJBMS.* (**published, IF=1.8**)
- Siyavash Joukar & Hamideh Bashiri & Shahriar Dabiri & Payam Ghotbi & **Arash Sarveazad** & Kouros Divsalar & Farzin Joukar & Mahsa Abbaszadeh. Cardiovascular effects of black tea and nicotine alone or in combination against experimental induced heart injury. *J Physiol Biochem.*2012. (**published, IF=2.5**).
- Prediction of Clinically Important Traumatic Brain Injury in Pediatric Minor Head Trauma; proposing Pediatric Traumatic Brain Injury (PTBI) Prognostic Rule B Nakhjavan-Shahraki, M Yousefifard, A Oraili, **A Sarveazad**, *International Journal of Pediatrics* 5 (1), 4127-4135 (**published, IF=1.8**)
- Farjam Goudarzi, Msc, Arash Sarveazad, Ph.D, Saeed Hosseini, Ph.D Associate professor, Maryam Mahmoudi, Ph.D Associate professor, Reza Chahardoli, Ph.D, Ali Akbar Saboor-Yaraghi, Ph.D Assistant professor Combined effect of retinoic acid and calcium on the in vitro differentiation of Human Adipose-Derived Stem Cells to Adipocytes, *Archives of physiology and biochemistry.* 2018: 124 (2), 109-118. (**published, IF=1.09**).

- Yari A, **Sarveazad A**, Asadi E, Raouf Sarshoori J, Babahajian A, Amini N, Amidi F, Bahadoran H, Joghataei M, Asadi M, Shams A Efficacy of Crocus sativus L. on reduction of cadmium-induced toxicity on spermatogenesis in adult rats.. *Andrologia*. 2016 May 2. doi: 10.1111/and.12568. [Epub ahead of print] PMID: 27135275(**published, IF=1.4**)
- Mohammad Hossein Asadi, Fariba Zafari, **Arash Sarveazad**, Mehdi Abbasi, Majid Safa, Morteza Koruji, Abazar Yari, Rafieh Alizadeh Miran. Saffron Improves Epididymal Sperm Parameters in Rats Exposed to Cadmium. *Nephro Urol Mon*. 2014 January; 6(1): e12125. (**published, IF=0.3**)
- M. Ezzatabadipour, S. Azizollahi, **A. Sarvazad**, Z. Mirkahnouj, Z. Mahdinia. *Effects of concurrent chronic administration of alcohol and nicotine on rat sperm parameters*. *Andrologia* 2012, 44, 330–336. (**published, IF=1.4**).
- Protective effects of boron and vitamin E on ethylene glycol-induced renal crystal calcium deposition in rat. H Bahadoran, MR Naghii, M Mofid, MH Asadi, K Ahmadi, **A Sarveazad**, *Endocrine Regulations* 50 (4), 194-206. (**published, IF=0.5**).
- Alireza Rafati, Mostafa Hosseini, Mahmoud Tavallaei, Mostafa Naderi, Amir Hashem Mohammadi, Hasan Bahmani, **Arash Sarveazad**, Association of rs12913832 in the HERC2 Gene Affecting Human Iris Color Variation. *Anatomical sciences*. February 2015, Volume 12, Number 1. (**published**)
- **Arash sarveazad**, Asrin Babahajian, Mansoureh Soleimani, Abazar Yari, Mohammadreza Nourani. *Neuroprotective Role of Trolox in Hippocampus after Ischemia Reperfusion Injury in Mouse*. *Int J Vitam Nutr Res* 1 (1), 1-7. (**published, IF: 0.9**).
- Stem cell therapy in fecal incontinence: a narrative review, A Babahajian, J Shamseddin, **A Sarveazad (corresponding author)**, *Journal of Medical Physiology* 2 (1), 2-9. (**google scholar**).
- The relationship of hemodynamic parameters with 6-month mortality in trauma patients; a prospective cohort study, M Yousefifard, B Nakhjavan-Shahraki, **A Sarveazad**, S Safari, M Hosseini, *Journal of Medical Physiology* 2 (1), 20-25. (**google scholar**).

Publications in Farsi

- Babahajian A, Rasouli H (PhD)², Katebi M (PhD), **Sarveazad A**, Soleimani M (PhD), Nobakht M (PhD). Effect of human chorionic gonadotropin and vitamine E on cellular density of CA1 hippocampal area, learning ability and memory, following ischemia - reperfusion injury in mice. Winter 2014 / vol 15 / no 4 **(In Persian)**.
- Mohsen basiri, Masood ezat abadipour, vahid hemayat khah jahromi, naghme shahidi zandi, **arash sarveazad**, seyed noraldin nematolahii mahani, assesment of ethanol and nicotine coadministratio on vesicol seminal structure on male rat. JOURNAL OF REPRODUCTION AND INFERTILITY. 2011, 12(2): 96-115. **(In Persian)**.
- **Arash sarveazad**, Abazar yari, asrin babahajian, Mohamad taghi joghataii, Review for mirror neurons. *Recent for neuroscience*. 2011 **(In Persian)**.

Researches

1. Collecting fresh adipose tissue and Optimization of stem cell isolation.
2. Made of different scaffold and Compatibility assay with stem cells for cell seeding.
3. Design and apply animal modeling for anal fistula, pelvic floor defect, sphincter defect.
4. Animal experimental study for scaffold implantation, cell injection
5. Animal experimental study for evaluation of animal with cell injection an scaffold transplantation (sonography, EMG, manometry)
6. Phase one clinical trial in fecal incontinence due to external anal sphincter injury.
7. Phase one clinical trial in rheumatoid arthritis of the knee
8. Animal experimental study for evaluation of animal with cell injection in spinal cord injury
9. Systematic reviw and meta-analysis