

## سوابق علمی و اجرایی:

### Curriculum vitae:

First name: Mehdi

Last name: Mehdizadeh

### Address:

Full professor in Anatomical Sciences. Departments of Anatomy, Cellular and Molecular Research Center. Faculty of Medicine. Iran University of Medical Sciences (IUMS). Hemmat Express way, Tehran, Iran.

Tel/Fax: 0098-21-88622689

### Email:

Mehdizadeh.m.@iums.ac.ir mmehdizadeh@hotmail.com

### Google Scholar Profile:

<https://scholar.google.com/citations?hl=en&user=K7l6FkEAAAAJ>



### Teaching experiences:

- I. Gross Anatomy (Macro anatomy, Head & Neck, Trunk & Pelvis, Upper & Lower Limbs) for medical, rehabilitation, nursing students and post graduate students of Anatomy, Parasitology, Physiology, Biophysics IUMS (1995- Present)
- II. Embryology for Medical and Midwife students& post graduate students of Anatomical Sciences (MSc and PhD) IUMS (2001-present).

**III.** Genetic and Molecular Biology, Anatomy, post graduate students of Anatomy, Reproductive Biology and Medical Nanotechnology, IUMS (2004-present).

**Academic Responsibilities:**

- Coordinator for postgraduate students of College of Advanced Technology in Medicine. (2013- present)
- Scientific secretary of 4<sup>th</sup> addiction seminar, IUMS, Tehran-Iran (21 July 2010)
- Member of Scientific committee of 2-9 Iranian Congress of Anatomical Sciences. (1994-2014)
- Partial Membership of Cellular and Molecular Research Center, IUMS, Tehran-Iran (2008- present)
- Head of Scientific Committee of 5<sup>th</sup> Asia Pacific International Congress (APICA), IUMS, Tehran-Iran (16-19 May 2008).
- Member of research committee of Medicine faculty of, IUMS, Tehran-Iran (2004-2006).
- Member of Education committee of Medicine faculty of, IUMS, Tehran-Iran (2000-2003).
- Member of scientific board, Basal Ganglia, TUMS. Tehran-Iran (26-27 March 2005).
- Member of scientific board, "Seminar of Anatomical and Clinical Aspects of Cerebral Cortex", IUMS, Tehran-Iran (26-27 Feb, 2003).
- Member of Anatomy Department, TUMS, Tehran-Iran (1995- present)
- Supervisor of MSc and PhD Students Thesis, Department of Anatomy, Medicine faculty, IUMS, Tehran-Iran. (1999-present).
- Head of Department of Anatomy Sciences. (2019-2021)
- Head of Core Facilities in Iran university of medical sciences (2017 -2019)

**Professional membership (Local and International):**

- Medicping CTO
- Editorial Board of journal of Basic and Clinical Neurosciences, BCN. (2008- present)
- Member of Iranian Association of Medical Educational (2004- present).
- Member and secretary of Iranian Association of Anatomical Sciences (ISAS). (1993-present).
- Member of Editorial Board of journal of Iranian Anatomical Sciences. (1993- present)
- Member of Iranian Physical Therapy Association. (1981- present)

**Presentation at meeting (national and international):**

**Local:**

- Iranian Congress of Biology of Addiction, Tehran –Iran, (2007-2019)
- National Congress of Ecosystem, Job and Cancer, Cancer Research Center, Tehran- Iran
- International Congress on neurology and clinical electrophysiology, Tehran-Iran
- Royan Congress
- Physiology and Pharmacology Congress.

**International:**

- MipTec Congress Basel-Switzerland
- Manitoba Neuroscience Network, 3<sup>d</sup> Annual Meeting, Canada, Winnipeg (July 2012).
- 4<sup>th</sup> edition of the European Neurological conference on Clinical Practice, Lisbon., Portugal (28-30 Jan. 2011)
- European Neurological Conference on Clinical Practice. January 28-30, 2011.
- 6<sup>th</sup> International congress of stroke, Vienna-Austria (24-27 Sept 2008).
- 11<sup>th</sup> International Congress of Toxicology Montreal-Canada (15-19 July 2007).
- 10<sup>th</sup> International Conference on Alzheimer Disease and Related Disorders (ICAD) Madrid-Spain (15-20 July 2006).
- 18<sup>th</sup> World Congress of Neurology, Convention & Exhibition Centre Sydney Australia (5-11 Nov 2005) poster presentation.
- 41<sup>st</sup> Congress of the European Societies of Toxicology. Florence-Italy (28Sept-1 Oct 2003) poster presentation.

**Books:**

- Translation of Gray Anatomy for students
- General Anatomy with Tests.
- Essential Anatomy of Extremities
- Translation of Snell Clinical Anatomy by Regions
- Atlas of Anatomy
- General Anatomy
- Medical Anatomy of trunk
- Review of Anatomy
- Osteology with Joints
- Essential Anatomy
- A question pool of anatomy basic and clinical
- Basic Sciences Examination Review
- Surface Anatomy
- Translational of Lasts Anatomy
- Translational of embryology of Longman,
- The use of transgenes in reproductive science.

## Paper

1. Tabatabaie, M., Amiri, S., Golestan Jahromi, M., Sene, A. A., Zandieh, Z., Mehdizadeh, M., & Amjadi, F. (2022). The effect of Myo-Inositol supplement on molecular regulation of folliculogenesis, steroidogenesis, and assisted reproductive technique outcomes in patients with polycystic ovarian syndrome. *Molecular Biology Reports*, 1-10.
2. Ghorbani, Z., Abdollahifar, M. A., Vakili, K., Moghaddam, M. H., Mehdizadeh, M., Marzban, H., ... & Aliaghaei, A. (2022). Melittin administration ameliorates motor function, prevents apoptotic cell death and protects Purkinje neurons in the rat model of cerebellar ataxia induced by 3-Acetylpyridine. *Toxicol*, 205, 57-66.
3. Ghorbanlou, M., Moradi, F., & Mehdizadeh, M. (2021). Frequency, shape, and estimated volume of intracranial physiologic calcification in different age groups investigated by brain computed tomography scan: a retrospective study. *Anatomy & Cell Biology*.
4. Razavi, Y., Keyhanfar, F., Shabani, R., Haghparast, A., & Mehdizadeh, M. (2021). Therapeutic Effects of Cannabidiol on Methamphetamine Abuse: A Review of Preclinical Study. *Iranian Journal of Pharmaceutical Research*, 20(4), 152-164.
5. Mombeiny, R., Tavakol, S., Kazemi, M., Mehdizadeh, M., Hasanzadeh, A., Karimi Babaahmadi, M., ... & Keyhanvar, P. (2021). Anti-inflammatory ethosomal nanoformulation in combination with iontophoresis in chronic wound healing: An ex vivo study. *IET nanobiotechnology*.
6. Shabani, R., Ashtrai, B., Moinzadeh, A., & Mehdizadeh, M. (2021). Labelling of human Wharton's jelly-derived mesenchymal stem cells with gold nanorods by biomimicry method. *Cell Biochemistry and Function*.
7. Ajdary, M., Keyhanfar, F., Moosavi, M. A., Shabani, R., Mehdizadeh, M., & Varma, R. S. (2021). Potential toxicity of nanoparticles on the reproductive system animal models: A Review. *Journal of Reproductive Immunology*, 103384.
8. Govahi, A., Amjadi, F., Nasr-Esfahani, M. H., Raoufi, E., & Mehdizadeh, M. (2021). Accompaniment of Time-Lapse Parameters and Cumulus Cell RNA-Sequencing in Embryo Evaluation. *Reproductive Sciences*, 1-15.
9. Amiri, S., Amjadi, F., Ashrafi, M., Aflatoonian, R., Sene, A. A., Mehdizadeh, M., & Zandieh, Z. (2021, July). Three-dimensional co-culture of human endometrial cells with aneuploid and euploid embryos. In *HUMAN REPRODUCTION* (Vol. 36, pp. 304-304). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
10. Razavi, Y., Keyhanfar, F., Haghparast, A., Shabani, R., & Mehdizadeh, M. (2021). Cannabidiol promotes neurogenesis in the dentate gyrus during an abstinence period in rats following chronic exposure to methamphetamine. *Metabolic Brain Disease*, 1-10.
11. Kowsari, G., Mehrabi, S., Asl, S. S., Pourhamzeh, M., Mousavizadeh, K., & Mehdizadeh, M. (2021). Nicotine and Modafinil Combination Protects against the Neurotoxicity Induced by 3, 4-Methylenedioxymethamphetamine in Hippocampal Neurons of Male Rats. *Journal of Chemical Neuroanatomy*, 101986.
12. Hajjari, S. N., Sadigh-Eteghad, S., Shanehbandi, D., Teimourian, S., Shahbazi, A., & Mehdizadeh, M. (2021). MicroRNA-4422-5p as a Negative Regulator of Amyloidogenic Secretases: A Potential Biomarker for Alzheimer's Disease. *Neuroscience*, 463, 108-115.
13. Mosleh, H., Moradi, F., Mehdizadeh, M., Ajdary, M., Moeinzadeh, A., & Shabani, R. (2021). Health concerns regarding the effect of the COVID-19 pandemic on male fertility. *Alternative title (right-running-head): COVID-19 pandemic on male fertility*.
14. Rasoolijazi, H., Norouzi Ofogh, S., Ababzadeh, S., Mehdizadeh, M., & Shabkhiz, F. (2021). Comparing the Effects of Rosemary Extract and Treadmill Exercise on the Hippocampal Function and Antioxidant Capacity in Old Rats. *Basic and Clinical Neuroscience*, 12(3), 361-372.
15. Ajdary, M., Ashrafi, M., Aflatoonian, R., & Mehdizadeh, M. (2021). The role of sperm in inducing genomic changes in the implantation: An experimental study. *Andrologia*, e14077.
16. Eslami, E., Qiyami-Hour, F., Sadr, M., Ajdary, M., Shabani, R., & Mehdizadeh, M. (2021). Intranasal Delivery of Human Wharton's Jelly-Derived Mesenchymal Stem Cells Alleviate Memory Deficits In Sporadic Alzheimer's Rat Model By Regulating Neurotrophic and Apoptosis Genes.
17. Ghorbanlou, M., Moradi, F., Shabani, R., & Mehdizadeh, M. (2021). COVID-19 and its effect on anatomical sciences education: viewpoint of anatomical sciences professors of Iran university of medical sciences. *Iranian Journal of Medical Education*, 21, 373-375.
18. Mosleh, H. R., Mehdizadeh, M., Moradi, F., Moeinzadeh, A., & Shabani, R. (2021). Evaluation of the effect of angiotensin converting enzyme2 in corona pandemic affect female infertility: A review article. *Feyz, Journal of Kashan University of Medical Sciences*, 25(1), 807-812.

19. Mosleh, H., Nazeri, S. A., Mehdizadeh, M., Moradi, F., Mosleh, H., Shabani, R., & Sajjadi, M. M. (2021). Using 3D Printing for Pre-planning of Orthopedic Surgeries, a Review. *Journal of Pharmaceutical Research International*, 53-62.
20. Daneshafrooz, N., Joghataei, M. T., Mehdizadeh, M., Alavi, A., Barati, M., Teimourian, S., & Zamani, B. (2021). Circulating miRNA biomarkers for sporadic Amyotrophic Lateral Sclerosis: a systematic meta-analysis and empirical validation.
21. Karimi, G., Vahabzadeh, M., Lari, P., Rashedinia, M., Moshiri, M., Garbhapu, A., ... & Behravan, E. (2021). 2. "Silymarin", a Promising Pharmacological Agent for Treatment of Diseases. *Journal Archive*, 24.
22. Ajdary, M., Keyhanfar, F., Aflatoonian, R., Amani, A., Amjadi, F., Zandieh, Z., & Mehdizadeh, M. (2020). Design and evaluation of a novel nanodrug delivery system for reducing the side effects of clomiphene citrate on endometrium. *DARU Journal of Pharmaceutical Sciences*, 28, 423-432.
23. Alikhani, M., Amjadi, F., Mirzaei, M., Wu, Y., Shekari, F., Ashrafi, M., ... & Salekdeh, G. H. (2020). Proteome analysis of endometrial tissue from patients with PCOS reveals proteins predicted to impact the disease. *Molecular Biology Reports*, 47(11), 8763-8774.
24. Ajdary, M., Zandieh, Z., Amjadi, F. S., Keyhanfar, F., Mehdizadeh, M., & Aflatoonian, R. (2020). برهمکنش اسپرم با آندومتر می تواند ژن های موجود در مسیر پذیرش آندومتر در موش را تنظیم کند: یک مطالعه تجربی. *International Journal of Reproductive BioMedicine*, 18(10), 815-824.
25. Ajdary, M., Zandieh, Z., Amjadi, F. S., Keyhanfar, F., Mehdizadeh, M., & Aflatoonian, R. (2020). Interaction of sperm with endometrium can regulate genes involved in endometrial receptivity pathway in mice: An experimental study. *International Journal of Reproductive BioMedicine*, 18(10), 815.
26. Asl, S. S., Moravej, F. G., Kowsari, G., Farhadi, M. H., Pourhaydar, B., Hamidabadi, H. G., & Mehdizadeh, M. (2020). The Effects of 3, 4-methylenedioxymethamphetamine on Neurogenesis in the Hippocampus of Male Rats. *Basic and Clinical Neuroscience*, 11(4), 457.
27. Hajjri, S. N., Sadigh-Eteghad, S., Mehrpour, M., Moradi, F., Shانهبندی, D., & Mehdizadeh, M. (2020). Beta-amyloid-dependent mirnas as circulating biomarkers in Alzheimer's disease: a preliminary report. *Journal of Molecular Neuroscience*, 70(6), 871-877.
28. Razavi, Y., Shabani, R., Mehdizadeh, M., & Haghparast, A. (2020). Neuroprotective effect of chronic administration of cannabidiol during the abstinence period on methamphetamine-induced impairment of recognition memory in the rats. *Behavioural pharmacology*, 31(4), 385-396.
29. Hour, F. Q., Moghadam, A. J., Shakeri-Zadeh, A., Bakhtiyari, M., Shabani, R., & Mehdizadeh, M. (2020). Magnetic targeted delivery of the SPIONs-labeled mesenchymal stem cells derived from human Wharton's jelly in Alzheimer's rat models. *Journal of Controlled Release*, 321, 430-441.
30. Abbasi, Y., Mousavizadeh, K., Shabani, R., Katebi, M., & Mehdizadeh, M. (2020). Behavioral changes in combination therapy of ethanol and modafinil on rats focal cerebral ischemia. *Basic and Clinical Neuroscience*, 11(3), 269.
31. Amjadi, F., Zandieh, Z., Mehdizadeh, M., Aghajanzpour, S., Raoufi, E., Aghamajidi, A., & Aflatoonian, R. (2020). The uterine immunological changes may be responsible for repeated implantation failure. *Journal of reproductive immunology*, 138, 103080.
32. Mehdizadeh, M., Ashtari, N., Jiao, X., Rahimi Balaei, M., Marzban, A., Qiyami-Hour, F., ... & Marzban, H. (2020). Alteration of the Dopamine Receptors' Expression in the Cerebellum of the Lysosomal Acid Phosphatase 2 Mutant (Naked-Ataxia (NAX)) Mouse. *International journal of molecular sciences*, 21(8), 2914.
33. Rasoolijazi, H., Ababzadeh, S., Soleimani, M., Mehdizadeh, M., & Shabkhiz, F. (2020). Long-term effects of aerobic treadmill exercise and rosemary extract on hippocampal neurodegeneration of old male rats. *RAZI JOURNAL OF MEDICAL SCIENCES (JOURNAL OF IRAN UNIVERSITY OF MEDICAL SCIENCES)*, 27(1), 142-150.
34. Asl, S. S., Łos, M. J., & Mehdizadeh, M. (2019). Pelargonidin improves amyloid  $\beta$ -induced deficits in the long-term potentiation in hippocampus of male rats. *Physiol Pharmacol*, 23, 296-301.
35. Ghorbani, S., Eyni, H., Khosrowpour, Z., Salari Asl, L., Shabani, R., Nazari, H., ... & Amjadi, F. (2019). Spermatogenesis induction of spermatogonial stem cells using nanofibrous poly (l-lactic acid)/multi-walled carbon nanotube scaffolds and naringenin. *Polymers for Advanced Technologies*, 30(12), 3011-3025.
36. Madadi, S., Katebi, M., Eftekhazadeh, M., Mehdipour, A., Pourheydar, B., & Mehdizadeh, M. (2019). Partial Improvement of Spatial Memory Damages by Bone Marrow Mesenchymal Stem Cells Transplantation Following Trimethyltin Chloride Administration in the Rat CA1. *Basic and Clinical Neuroscience*, 10(6), 567.
37. Nematollahi, S., Mehdizadeh, M., Hosseini, S., Kashanian, M., Amjadi, F. S., & Salehi, M. (2019). DNA integrity and methylation changes of mouse spermatozoa following prolonged incubation. *Andrologia*, 51(6), e13276.

38. Abbasi, Y., Shabani, R., Mousavizadeh, K., Soleimani, M., & Mehdizadeh, M. (2019). Neuroprotective effect of ethanol and Modafinil on focal cerebral ischemia in rats. *Metabolic brain disease*, 34(3), 805-819.
39. Amjadi, F., Salehi, E., Zandieh, Z., Rashidi, M., & Taleahmad, S. (2019). Comparative evaluation of NOTCH signaling molecules in the endometrium of women with various gynecological diseases during the window of implantation. *Iranian journal of basic medical sciences*, 22(4), 426.
40. Mohammadi, F., Varanloo, N., Nasrabadi, M. H., Vatannejad, A., Amjadi, F. S., Masroor, M. J., ... & Zandieh, Z. (2019). Supplementation of sperm freezing medium with myoinositol improve human sperm parameters and protects it against DNA fragmentation and apoptosis. *Cell and tissue banking*, 20(1), 77-86.
41. Mehdinejadiani, S., Amidi, F., Mehdizadeh, M., Barati, M., Pazhohan, A., Alyasin, A., ... & Sobhani, A. (2019). Effects of letrozole and clomiphene citrate on Wnt signaling pathway in endometrium of polycystic ovarian syndrome and healthy women. *Biology of Reproduction*, 100(3), 641-648.
42. Asl, S. S., Los, M. J., & Mehdizadeh, M. (2019). Pelargonidin improves amyloid  $\beta$ -induced deficits in the long-term potentiation in hippocampus of male rats. *Physiol Pharmacol*, 23, 296-301.
43. Asl, S. S., Bergen, H., Ashtari, N., Amiri, S., Los, M. J., & Mehdizadeh, M. (2019). Pelargonidin exhibits restoring effects against amyloid  $\beta$ -induced deficits in the hippocampus of male rats. *Medical journal of the Islamic Republic of Iran*, 33, 135.
44. Mehdinejadiani, S., Amidi, F., Mehdizadeh, M., Barati, M., Safdarian, L., Aflatoonian, R., ... & Sobhani, A. (2018). The effects of letrozole and clomiphene citrate on ligands expression of Wnt3, Wnt7a, and Wnt8b in proliferative endometrium of women with Polycystic ovarian syndrome. *Gynecological Endocrinology*, 34(9), 775-780.
45. Hassanzadeh, S., Jameie, S. B., Mehdizadeh, M., Soleimani, M., Namjoo, Z., & Soleimani, M. (2018). FNDC5 expression in Purkinje neurons of adult male rats with acute spinal cord injury following treatment with methylprednisolone. *Neuropeptides*, 70, 16-25.
46. Amjadi, F., Mehdizadeh, M., Ashrafi, M., Nasrabadi, D., Taleahmad, S., Mirzaei, M., ... & Aflatoonian, R. (2018). Distinct changes in the proteome profile of endometrial tissues in polycystic ovary syndrome compared with healthy fertile women. *Reproductive biomedicine online*, 37(2), 184-200.
47. Amjadi, F., Zandieh, Z., Mehdizadeh, M., Aghajanzpour, S., & Aflatoonian, R. (2018, July). Which one is more effective on Recurrent Implantation Failure, innate or adaptive immunity?. In *HUMAN REPRODUCTION* (Vol. 33, pp. 352-353). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
48. Daei-farshbaf, N., Amjadi, F., Zandieh, Z., Mehdizadeh, M., Ashrafi, M., & Aflatoonian, R. (2018, July). Increased apoptosis and inflammation are key factors in endometrial dysfunction of PCOS patients. In *HUMAN REPRODUCTION* (Vol. 33, pp. 458-459). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
49. Kermani, E. S., Nazari, Z., Mehdizadeh, M., Shahbazi, M., & Golalipour, M. J. (2018). Gestational diabetes influences the expression of hypertrophic genes in left ventricle of rat's offspring. *Iranian journal of basic medical sciences*, 21(5), 525.
50. Asl, S. S., Roointan, A., Bergen, H., Amiri, S., Mardani, P., Ashtari, N., ... & Mehdizadeh, M. (2018). Opioid receptors gene polymorphism and heroin dependence in Iran. *Basic and clinical neuroscience*, 9(2), 101.
51. Sanadgol, N., Golab, F., Mostafaie, A., Mehdizadeh, M., Khalseh, R., Mahmoudi, M., ... & Sharifzadeh, M. (2018). Low, but not high, dose triptolide controls neuroinflammation and improves behavioral deficits in toxic model of multiple sclerosis by dampening of NF- $\kappa$ B activation and acceleration of intrinsic myelin repair. *Toxicology and applied pharmacology*, 342, 86-98.
52. Sanadgol, N., Golab, F., Askari, H., Moradi, F., Ajdary, M., & Mehdizadeh, M. (2018). Alpha-lipoic acid mitigates toxic-induced demyelination in the corpus callosum by lessening of oxidative stress and stimulation of polydendrocytes proliferation. *Metabolic brain disease*, 33(1), 27-37.
53. Artimani, T., Karimi, J., Mehdizadeh, M., Yavangi, M., Khanlarzadeh, E., Ghorbani, M., ... & Kheiripour, N. (2018). Evaluation of pro-oxidant-antioxidant balance (PAB) and its association with inflammatory cytokines in polycystic ovary syndrome (PCOS). *Gynecological endocrinology*, 34(2), 148-152.
54. Sajadi, A., Amiri, I., Gharebaghi, A., Komaki, A., Asadbeigi, M., Shahidi, S., ... & Asl, S. S. (2017). Treadmill exercise alters ecstasy-induced long-term potentiation disruption in the hippocampus of male rats. *Metabolic brain disease*, 32(5), 1603-1607.
55. Gharebaghi, A., Amiri, I., Salehi, I., Shahidi, S., Komaki, A., Mehdizadeh, M., ... & Asl, S. S. (2017). Treadmill exercise attenuates 3, 4-methylenedioxymethamphetamine-induced memory impairment through a decrease apoptosis in male rat hippocampus. *Journal of neuroscience research*, 95(12), 2448-2455.

56. Hajjari, S. N., Mehdizadeh, M., Sadigh-Eteghad, S., Shanehbandi, D., Teimourian, S., & Baradaran, B. (2017). Secretases-related miRNAs in Alzheimer's disease: new approach for biomarker discovery. *Neurological Sciences*, 38(11), 1921-1926.
57. Sajadi, A., Amiri, I., Gharebaghi, A., Komaki, A., Asadbeigi, M., Shahidi, S., ... & Asl, S. S. (2017). Treadmill exercise alters ecstasy-induced long-term potentiation disruption in the hippocampus of male rats. *Metabolic brain disease*, 32(5), 1603-1607.
58. Sakhaie, M. H., Soleimani, M., Pourheydar, B., Majd, Z., Atefimanesh, P., Asl, S. S., & Mehdizadeh, M. (2017). Effects of extremely low-frequency electromagnetic fields on neurogenesis and cognitive behavior in an experimental model of hippocampal injury. *Behavioural neurology*, 2017.
59. Salehi, E., Amjadi, F., Zandieh, Z., Rashidi, M., Aflatoonian, R., & Mehdizadeh, M. (2017, July). Comparative evaluation of Notch signaling pathway in the endometrium of women with PCOS, endometriosis, RIF and healthy fertile controls during luteal phase. In *HUMAN REPRODUCTION* (Vol. 32, pp. 338-339). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
60. Bakhshayesh, M., Golab, F., Kermanian, F., Mehdizadeh, M., Katebi, A. R., Soleimani, M., ... & Katebi, M. (2017). The mediating role of A2A adenosine receptors in the mitochondrial pathway of apoptotic hippocampal cell death, following the administration of MDMA in rat. *Basic and clinical neuroscience*, 8(4), 317.
61. Mehdizadeh, M., Dabaghian, F. H., Shojaee, A., Molavi, N., Taslimi, Z., Shabani, R., & Asl, S. S. (2017). Protective effects of cyperus rotundus extract on amyloid  $\beta$ -peptide (1-40)-induced memory impairment in male rats: a behavioral study. *Basic and clinical neuroscience*, 8(3), 249.
62. Ameri, M., Ghafari, S., Nazari, Z., Mehdizadeh, M., Shekari, M. A., & Golalipour, M. (2017). Efecto de la Diabetes Mellitus Gestacional Sobre el Nervio Ciático en Ratas Adultas. *International Journal of Morphology*, 35(1), 162-166.
63. Tabasi, A., Ghafari, S., Mehdizadeh, M., Shekari, M. A., & Golalipour, M. J. (2017). Gestational diabetes influences retinal Muller cells in rat's offspring. *Iranian journal of basic medical sciences*, 20(2), 216.
64. Asl, S. S., Shariati, M. B. H., Medizadeh, M., Ahmadpanah, M., & Sohrabi, M. (2017). The effect of 3, 4-methylenedioxymethamphetamine on expression of neurotrophic factors in hippocampus of male rats. *Medical journal of the Islamic Republic of Iran*, 31, 60.
65. Sanadgol, N., Golab, F., Tashakkor, Z., Taki, N., Moradi Kouchi, S., Mostafaie, A., ... & Sharifzadeh, M. (2017). Neuroprotective effects of ellagic acid on cuprizone-induced acute demyelination through limitation of microgliosis, adjustment of CXCL12/IL-17/IL-11 axis and restriction of mature oligodendrocytes apoptosis. *Pharmaceutical biology*, 55(1), 1679-1687.
66. Sanadgol, N., Golab, F., Mostafaie, A., Mehdizadeh, M., Abdollahi, M., Sharifzadeh, M., & Ravan, H. (2016). Ellagic acid ameliorates cuprizone-induced acute CNS inflammation via restriction of microgliosis and down-regulation of CCL2 and CCL3 pro-inflammatory chemokines. *Cellular and Molecular Biology*, 62(12), 24-30.
67. Pourheydar, B., Soleimani Asl, S., Azimzadeh, M., Rezaei Moghadam, A., Marzban, A., & Mehdizadeh, M. (2016). Neuroprotective effects of bone marrow mesenchymal stem cells on bilateral common carotid arteries occlusion model of cerebral ischemia in rat. *Behavioural Neurology*, 2016.
68. Sakhaie, M. H., Soleimani, M., Pirhajati, V., Asl, S. S., Madjd, Z., & Mehdizadeh, M. (2016). Coenzyme Q10 ameliorates trimethyltin chloride neurotoxicity in experimental model of injury in dentate gyrus of hippocampus: a histopathological and behavioral study. *Iranian Red Crescent Medical Journal*, 18(8).
69. Amjadi, F., Salehi, E., Mehdizadeh, M., Ashrafi, M., Aflatoonian, A., Fazeli, A., & Aflatoonian, R. (2016, July). Localization of toll like receptors (TLRs) in human fallopian tube epithelial cells. In *HUMAN REPRODUCTION* (Vol. 31, pp. 317-317). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
70. Ghasemi Moravej, F., Amiri, I., Shahidi, S., Mehdizadeh, M., Rahimi, A., Esmaeilzadeh, B., & Soleimani Asl, S. (2016). NeuN Expression Alterations in the Hippocampus Following Ecstasy Treatment. *Avicenna Journal of Neuro Psycho Physiology*, 3(2), 44-47.
71. Saifi, B., Aflatoonian, R., Tajik, N., Erfanian Ahmadpour, M., Vakili, R., Amjadi, F., ... & Mehdizadeh, M. (2016). T regulatory markers expression in unexplained recurrent spontaneous abortion. *The Journal of Maternal-Fetal & Neonatal Medicine*, 29(7), 1175-1180.
72. Dehghan, R., Saidijam, M., Mehdizade, M., Shabab, N., Yavangi, M., & Artimani, T. (2016). Evidence for decreased expression of APPL1 associated with reduced insulin and adiponectin receptors expression in PCOS patients. *Journal of endocrinological investigation*, 39(9), 1075-1082.
73. Ghasemi Moravej, F., Shahidi, S., Mehdizadeh, M., & Soleimani Asl, S. (2017). The Effect of Callistephin on Amyloid Beta-Induced Neurotoxicity in the Hippocampus of Male Rats. *Anatomical Sciences Journal*, 14(2), 73-78.

74. Pourvaziri, A., Amjad, G., & Mehdizadeh, M. (2016). DRAINAGE RELATED ULTRA SONOGRAPHY; ACUTE US TECHNIQUE IN CATEGORIZING PRI-MARY MEGA URETER. *ACTA MEDICA MEDITERRANEA*, 32, 2121-2126.
75. Artimani, T., Saidijam, M., Aflatoonian, R., Ashrafi, M., Amiri, I., Yavangi, M., ... & Mehdizadeh, M. (2016). Downregulation of adiponectin system in granulosa cells and low levels of HMW adiponectin in PCOS. *Journal of assisted reproduction and genetics*, 33(1), 101-110.
76. Eslamizade, M. J., Madjd, Z., Rasoolijazi, H., Saffarzadeh, F., Pirhajati, V., Aligholi, H., ... & Mehdizadeh, M. (2016). Impaired memory and evidence of histopathology in CA1 pyramidal neurons through injection of A $\beta$ 1-42 peptides into the frontal cortices of rat. *Basic and clinical neuroscience*, 7(1), 31.
77. Kermanian, F., Soleimani, M., Ebrahimzadeh, A., Haghiri, H., & Mehdizadeh, M. (2013). Effects of adenosine A2a receptor agonist and antagonist on hippocampal nuclear factor-kB expression preceded by MDMA toxicity. *Metabolic brain disease*, 28(1), 45-52.
78. Asl, S. S., & Mehdizadeh, M. (2015). REMOVED: N-acetylcysteine can alter 3, 4-methylenedioxymethamphetamine-induced apoptosis in hippocampi of male rats. *International Journal of Developmental Neuroscience*, 47, 6.
79. Amjadi, F., Aflatoonian, R., Javanmard, S. H., Saifi, B., Ashrafi, M., & Mehdizadeh, M. (2015). Apolipoprotein A1 as a novel anti-implantation biomarker in polycystic ovary syndrome: a case-control study. *Journal of research in medical sciences: the official journal of Isfahan University of Medical Sciences*, 20(11), 1039.
80. Eslamizade, M. J., Saffarzadeh, F., Mousavi, S. M. M., Meftahi, G. H., Hosseinmardi, N., Mehdizadeh, M., & Janahmadi, M. (2015). Alterations in CA1 pyramidal neuronal intrinsic excitability mediated by Ih channel currents in a rat model of amyloid beta pathology. *Neuroscience*, 305, 279-292.
81. Mehdizadeh, M., & Saifi, B. (2015). Treg/T helper imbalance with emphasis on Treg factors during implantation window in unexplained recurrent spontaneous miscarriage: PS1. 347. *LB. Tropical Medicine & International Health*, 20, 298-299.
82. Artimani, T., Saidijam, M., Aflatoonian, R., Amiri, I., Ashrafi, M., Yavangi, M., & Mehdizadeh, M. (2015). Follicular fluid concentrations of interleukin-6, Interleukin-8, TNF-[alpha] and interleukin 10 in polycystic ovarian syndrome women. *International Journal of Fertility & Sterility*, 9, 75.
83. Amjadi, F., Mehdizadeh, M., Ashrafi, M., Nasrabadi, D., Taleahmad, S., Mirzaei, M., ... & Aflatoonian, R. (2015). Proteomic analysis of human endometrium in normal and polycystic ovarian syndrome. *Human Reproduction*, 30(Suppl. 1), i272.
84. Artimani, T., Saidijam, M., Aflatoonian, R., Amiri, I., Ashrafi, M., Shabab, N., ... & Mehdizadeh, M. (2015). Estrogen and progesterone receptor subtype expression in granulosa cells from women with polycystic ovary syndrome. *Gynecological Endocrinology*, 31(5), 379-383.
85. Asl, S. S., Mehdizadeh, M., Shahraki, S. H., Artimani, T., & Joghataei, M. T. (2015). Sex differences in MDMA-induced toxicity in Sprague-Dawley rats. *Functional neurology*, 30(2), 131.
86. Mehdizadeh, M. (2015, March). Granulocyte Transfusion in life threatening Infections in patients under hematopoietic stem cell transplantation. In *BONE MARROW TRANSPLANTATION* (Vol. 50, pp. 5576-5577). MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND: NATURE PUBLISHING GROUP.
87. Madadi Dargahi, S., Eftekharzadeh, M., Mahdipour, A., Soleimani, M., & Mehdizadeh, M. (2015). Effect of bone marrow mesenchymal stem cells on memory and neuronal cells number in the trimethyltin chloride damaged hippocampus. *Journal of Gorgan University of Medical Sciences*, 17(1).
88. Zargooshnia, S., Shahidi, S., Ghahremanitamadon, F., Nikkhah, A., Mehdizadeh, M., & Asl, S. S. (2015). The protective effect of Borago Officinalis extract on amyloid  $\beta$  (25-35)-induced long term potentiation disruption in the dentate gyrus of male rats. *Metabolic brain disease*, 30(1), 151-156.
89. Asl, S. S., Saifi, B., Sakhaie, A., Zargooshnia, S., & Mehdizadeh, M. (2015). Attenuation of ecstasy-induced neurotoxicity by N-acetylcysteine. *Metabolic brain disease*, 30(1), 171-181.
90. Zargooshnia, S., Shahidi, S., Ghahremanitamadon, F., Nikkhah, A., Mehdizadeh, M., & Asl, S. S. (2015). The protective effect of Borago Officinalis extract on amyloid  $\beta$  (25-35)-induced long term potentiation disruption in the dentate gyrus of male rats. *Metabolic brain disease*, 30(1), 151-156.
91. Negahdar, F., Mehdizadeh, M., Joghataei, M. T., Roghani, M., Mehraeen, F., & Poorghayoomi, E. (2015). Berberine chloride pretreatment exhibits neuroprotective effect against 6-hydroxydopamine-induced neuronal insult in rat. *Iranian journal of pharmaceutical research: IJPR*, 14(4), 1145.
92. Sharifi, Z. N., Movassaghi, S., Mohamadzadeh, F., Asl, S. S., Pourheydar, B., & Mehdizadeh, M. (2015). Reduction in ischemic brain injury following the administration of pentoxifylline after transient global ischemia/reperfusion in a rat model. *Medical journal of the Islamic Republic of Iran*, 29, 193.



93. Rasoolijazi, H., Mehdizadeh, M., Soleimani, M., Nikbakhte, F., Farsani, M. E., & Ababzadeh, S. (2015). The effect of rosemary extract on spatial memory, learning and antioxidant enzymes activities in the hippocampus of middle-aged rats. *Medical journal of the Islamic Republic of Iran*, 29, 187.
94. Madadi, S., & Mehdizaded, M. (2014). Alzheimer diseases. *Avicenna Journal of Neuro Psycho Physiology*, 1(2), 43-45.
95. Soleimani, M., Jameie, S. B., Mehdizadeh, M., Keradi, M., Masoumipoor, M., & Mehrabi, S. (2014). Vitamin D3 influence the Th1/Th2 ratio in C57BL/6 induced model of experimental autoimmune encephalomyelitis. *Iranian journal of basic medical sciences*, 17(10), 785.
96. Saifi, B., Rezaee, S. A., Tajik, N., Ahmadpour, M. E., Ashrafi, M., Vakili, R., ... & Mehdizadeh, M. (2014). Th17 cells and related cytokines in unexplained recurrent spontaneous miscarriage at the implantation window. *Reproductive biomedicine online*, 29(4), 481-489.
97. Ghahari, L., Safari, M., Joghataei, M. T., Mehdizadeh, M., & Soleimani, M. (2014). Effect of combination therapy using hypothermia and granulocyte colony-stimulating factor in a rat transient middle cerebral artery occlusion model. *Iranian biomedical journal*, 18(4), 239.
98. Soleimani, M., Jameie, S. B., Barati, M., Mehdizadeh, M., & Kerdari, M. (2014). Effects of coenzyme Q10 on the ratio of TH1/TH2 in experimental autoimmune encephalomyelitis model of multiple sclerosis in C57BL/6. *Iranian Biomedical Journal*, 18(4), 203.
99. Mehdizaded, M. (2014). Ecstasy Neurotoxicity. *Avicenna Journal of Neuro Psycho Physiology*, 1(1), 12-13.
100. Artimani, T., Saidijam, M., Aflatoonian, R., Amiri, I., Ashrafi, M., Yavangi, M., ... & Mehdizadeh, M. (2014). P-228: Altered Expression of Folliclestimulating Hormone Receptor and Luteinizing Hormone Receptor in Granulosa Cells from Women with Polycystic Ovary Syndrome. *International Journal of Fertility and Sterility*, 8(2.5), 238-238.
101. Artimani, T., Saidijam, M., Aflatoonian, R., Amiri, I., Ashrafi, M., Yavangi, M., ... & Mehdizadeh, M. (2014, July). Comparisons of adiponectin and adiponectin receptors in human granulosa cells in obese and non-obese patients with poly cystic ovary syndrome. In *HUMAN REPRODUCTION* (Vol. 29, pp. 310-311). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
102. Saifi, B., Mehdizadeh, M., Rezaee, S. A., Aflatoonian, R. E. Z. A., Tajik, N., Vakili, R., ... & Ahmadpour, M. E. (2014, July). Th17 and treg cells in recurrent miscarriage. In *HUMAN REPRODUCTION* (Vol. 29, pp. 139-140). GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS.
103. Taghavi, S. A., Ashrafi, M., Mehdizadeh, M., Karimian, L., Joghataie, M. T., & Aflatoonian, R. (2014). Toll-like receptors expression in follicular cells of patients with poor ovarian response. *International journal of fertility & sterility*, 8(2), 183.
104. Kermanian, F., Mehdizadeh, M., Soleimani, M., Bideskan, A. R. E., Hami, J., Kheradmand, H., & Haghiri, H. (2014). Adenosine A2a receptors activate Nuclear Factor-Kappa B (NF-κB) in rat hippocampus after exposure to different doses of MDMA. *Molecular & Cellular Toxicology*, 10(1), 59-66.

#### **Workshop:**

- Innovative in Anatomical education Tehran-Iran (7-8 July 2010).
- Neuroscience Improvement – Oriented Social work and counseling. Tehran- Iran (11-13 June 2006).
- Micro Satellite Analysis & SCCP based Mutation Screening Tehran- Iran (4-5 Oct 2005).
- 13<sup>th</sup> workshop of SPSS Tehran- Iran (30Nov– 1Dec 2005).
- First joint workshop on laser Micro dissection Tehran- Iran (25-26 June 2005).
- Rat spinal cord repair. Tehran-Iran (30-31August 2005).
- 2<sup>nd</sup> Workshop on Innovative mouse models Leiden-Netherland (17-18 June 2004).

فرم درخواست کاندیداتوری انجمن علمی: علوم تشریح

نام خانوادگی:										نام:														
نام پدر					ش.ش					محل صدور					تاریخ تولد					محل تولد				
علی					۱۰۴۷					تهران					۱۳۳۵/۰۱/۳۱					تهران				
شغل فعلی، عنوان شغل:										هیئت علمی گروه آناتومی دانشگاه علوم پزشکی ایران														
آخرین مدرک تحصیلی، رشته، سال و محل اخذ آن:										دکترای آناتومی (۱۹۹۱-۱۹۹۵)، دانشکده پزشکی، دانشگاه علوم پزشکی تهران، تهران، ایران														
کد ملی: ۰۰۴۲۴۷۳۲۹۲										تلفن و نشانی محل کار: بزرگراه همت جنب برج میلاد دانشگاه علوم پزشکی ایران دانشکده پزشکی گروه علوم تشریح														
تلفن همراه، نشانی و شماره محل سکونت:										تلفن همراه: ۰۹۱۲۱۲۳۳۰۶۵														
نشانی: دروس، هدایت، خیابان شادلو، پلاک ۵										تلفن: ۰۲۱۲۲۵۷۷۲۲۰														
مشاغل قبلی و خلاصه سوابق شغلی:										<ol style="list-style-type: none"> <li>هماهنگ کننده دانشجویان تحصیلات تکمیلی دانشکده فناوری نوین پزشکی دانشگاه علوم پزشکی ایران</li> <li>هماهنگ کننده دانشجویان تحصیلات تکمیلی گروه آناتومی دانشگاه علوم پزشکی ایران</li> <li>دبیر علمی چهارمین سمینار اعتیاد، IUMS، تهران، ایران</li> <li>عضو کمیته علمی تمام کنگره ایرانی آناتومی</li> <li>عضو مرکز تحقیقات سلولی و مولکولی، IUMS، تهران، ایران</li> </ol>														
																								

۶. عضو برد علوم تشریح وزارت بهداشت
۷. عضو برد برنامه ریزی آموزشی وزارت بهداشت
۸. عضو تیم اعتبارسنجی دانشکده های پزشکی وزارت بهداشت
۹. رئیس کمیته علمی پنجمین کنگره بین المللی آسیا (APICA)، IUMS، تهران، ایران (16-19 May 2008)
۱۰. عضو کمیته تحقیقات دانشکده پزشکی، IUMS، تهران، ایران
۱۱. عضو آموزش و پژوهش دانشکده پزشکی، IUMS، تهران، ایران
۱۲. عضو هیئت علمی، بیزال گانگلیا، TUMS، تهران، ایران
۱۳. عضو هیئت علمی سمینار حنبه های بالینی و آناتومی کورتکس مخ، IUMS، تهران، ایران (26-27 Feb, 2003)
۱۴. سوپروایزر دانشجویان کارشناسی ارشد و دکترا، دپارتمان آناتومی، دانشکده پزشکی، IUMS، تهران، ایران
۱۵. عضویت حرفه ای (محلی و بین المللی) هیئت تحریریه مجله تحقیقات بازآفرینی عصبی به عنوان همکار
۱۶. عضو کمیته حرفه ای و پشتیبانی دانشکده پزشکی IUMS هیئت تحریریه مجله علوم اعصاب پایه و بالینی، BCN
۱۷. عضو انجمن آموزش پزشکی ایران
۱۸. عضو هیئت تحریریه مجله BCN
۱۹. عضو هیئت تحریریه مجله AVICINA همدان
۲۰. عضو و دبیر انجمن علوم تشریحی ایران
۲۱. عضو هیئت تحریریه و مدیر اجرایی مجله علوم تشریحی ایران
۲۲. عضو انجمن فیزیوتراپی ایران
۲۳. مدیر گروه دپارتمان آناتومی دانشگاه علوم پزشکی ایران
۲۴. رییس آزمایشگاه تحقیقاتی جامع دانشگاه علوم پزشکی ایران

## برنامه ها و اهداف موردنظر:

۱. ارتقای سطح آموزش
۲. تهیه و تدوین برنامه های آموزشی در قالب های مختلف به منظور ارتقا و توانمندسازی اساتید و فراگیران
۳. بسترسازی تعامل و تبادل تجارب و فعالیت ها بین اعضای هیئت علمی و دانشجویان این رشته
۴. کاربردی کردن پژوهش هایی که در این رشته صورت می پذیرد.
۵. ارتقای سطح کارآفرینی
۶. تشویق ذینفعان در تشکیل و راه اندازی شرکت های دانش بنیان محصول محور
۷. توسعه R&D
۸. دفاع از امور از مسائل صنفی و رفاهی اساتید
۹. توسعه فعالیت های آموزشی و پژوهشی بین رشته ای، علوم پایه و بالینی در سطح ملی و بین المللی
۱۰. تلاش در اعتلای مجله علوم تشریح