

Curriculum Vitae

**Personal data**First name: **Amin**Surname: **Tamadon**Date of Birth: **21.03.1980**Place of Birth: **Shiraz, Fars province**Nationality: **Iran**Language: **Persian (main language), English (reading, speaking, writing)****h-index**Web of Science: 18 [Link](#)Scopus: 22 [Link](#)Google Scholar: 32 [Link](#)**Research interest**

- 1- Reproductive System Stem Cell Therapy
- 2- Human Reproductive Diseases (PCOS, endometriosis, and azoospermia)
- 3- 3D Imaging and Connectomics
- 4- Tissue Engineering, Stem Cells, Stem Cell Based Anticancer Drugs

Education

Degree	Institution	Field	Date
PhD	School of Veterinary Medicine, Shiraz University	Veterinary Obstetrics and Reproductive Diseases	September 2010
Thesis title: Studies on changes in serum thyroid hormones and progesterone concentrations and enzyme activity in cervical secretions and their relations with energy indices in postpartum period in high producing dairy cows: comparison of fertile and sub-fertile high producing dairy cows			
DVM	School of Veterinary Medicine, Shiraz University	Veterinary Medicine	August 2005
Thesis title: Comparative study on the effects of different intramuscular doses of Iranian and Spanish Enrofloxacin on clinical signs, hematological and some serum biochemical parameters in the cat			

Relevant employment history

Position	Employer	Location	Duration
Principal Investigator and Professor	West Kazakhstan Marat Ospanov Medical University	Aktobe, Kazakhstan	2023-up to now
Principal Investigator and co-funder	PerciaVista R&D co.	Shiraz, Iran	2011-up to now
Assistant professor	The Persian Gulf Marine Biotechnology Research Center	The Persian Gulf Biomedical Institute, Bushehr University of Medical Sciences, Bushehr, Iran	2018-2021

Postdoctoral researcher	Department of Integrative Medicine and Neurobiology	Shanghai Medical College, Fudan University, Shanghai, China	2016-2017
Postdoctoral researcher	Institute of Organ Transplantation	College of Medicine, Seoul National University, Seoul, South Korea	2015-2016
Assistant professor	Stem Cells Technology Research Center	Shiraz University of Medical Sciences, Shiraz, Iran	2013-2015
Assistant professor	Department of Clinical Sciences	School of Veterinary Medicine, Shiraz University, Shiraz, Iran	2012-2013
Assistant professor	Department of Animal Health Management	School of Veterinary Medicine, Shiraz University, Shiraz, Iran	2010-2012

Memmmbership in International Societies

1. The American Society of Gene & Cell Therapy (ASGCT)
2. Member of Stem Cell Committee, American Society of Gene and Cell Therapy (ASGCT) from 2024 to 2025

Positions of trust, editorial board and reviewer for journals

A. Editorial-in-Chief

1. West Kazakhstan Medical Journal

B. Editorial board of journals

1. Iranian Red Crescent Medical Journal
2. Modern Medical Laboratory Journal
3. Regenerative Biomedicine
4. West Kazakhstan Medical Journal

C. Guest editor for journals

3. Frontiers in Genetics: Characterization of Esophageal Cancer Molecular Signatures and Mechanisms Using Multi-Omics Analyses
4. Frontiers in Bioengineering and Biotechnology: Stem cell-derived exosome therapy of cancer: from bench to bed
5. Frontiers in Microbiology: Stem cell-derived exosome therapy of microbial diseases: from bench to bed

D. Peer reviewer for journals

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|--------------------------------------|--|
| 1. Acupuncture in Medicine | 21. Comparative Clinical Pathology |
| 2. Aging | 22. Diagnostics |
| 3. Andrologia | 23. Diseases |
| 4. Animal Biology | 24. Domestic Animal Endocrinology |
| 5. Animal Science Journal | 25. Drug and Chemical Toxicology |
| 6. Animals | 26. Drug Design, Development and Therapy |
| 7. Annals of Animal Sciences | 27. Environmental Toxicology and Pharmacology |
| 8. Annals of Behavioral Neuroscience | 28. Evidence-Based Complementary and Alternative Medicine |
| 9. Bioengineered | 29. Frontiers in Neurology |
| 10. BiolImpacts | 30. Frontiers in Physiology |
| 11. BioMed Research International | 31. Gels |
| 12. Biomedicines | 32. Gynecological Endocrinology |
| 13. BMC Veterinary Research | 33. Healthcare |
| 14. Cancers | 34. International Journal of Fertility and Sterility |
| 15. Cell Biochemistry & Function | 35. International Journal of Molecular and Cellular Medicine |
| 16. Cell Journal | 36. International Journal of Molecular Sciences |
| 17. Cells | |
| 18. Chemico-Biological Interactions | |
| 19. Children | |
| 20. Chemistry | |

37. International Journal of Reproductive BioMedicine
38. International Journal of Reproductive Medicine
39. Iranian Journal of Basic Medical Sciences
40. Iranian Journal of Biotechnology
41. Iranian Journal of Medical Sciences
42. Iranian Journal of Pharmaceutical Research
43. Iranian Journal of Science and Technology (Sciences)
44. Iranian Journal of Veterinary Research
45. Iranian Red Crescent Medical Journal
46. Journal of Anatomy
47. Journal of Dairy Science
48. Journal of Equine Veterinary Science
49. Journal of Experimental Pharmacology
50. Journal of Fasa University of Medical Sciences
51. Journal of Molecular Histology
52. Journal of Neuroendocrinology
53. Journal of Neuroscience Methods
54. Journal of Pharmaceutical Research
55. Journal of Physiology and Pharmacology
56. Journal of Veterinary Biotechnology
57. Life
58. Marine Drugs
59. Medical Hypothesis
60. Medicina
61. Microscopy Research and Technique
62. Nano Materials
63. Nutrition and Metabolism
64. Philippine Agricultural Scientist
65. Physiology and Pharmacology
66. Polymers
67. Probiotics and Antimicrobial Proteins
68. Reproduction in Domestic Animals
69. Reproduction, Fertility and Development
70. Small Ruminant Research
71. Stem Cell Research & Therapy
72. Stem Cells International
73. Teb e Jonub
74. Tissue and Cell
75. Translational Stroke Research
76. Tropical Animal Health and Production
77. Turkish Journal of Biology
78. Vaccines
79. Veterinary Research Forum
80. Water

Bibliography

A. Publications in Journals

206. Rysmakhanov MS, Zare A, Smagulov AS, Abenova NA, Mussin NM, Sultangereyev YB, Zhakiyev BS, Kuttymuratov GK, Haberal M, Jafari N, Baneshi H, Bakhshalizadeh S, Mahdipour M, Rahmanifar F, **Tamadon A** (2024) Comprehensive overview of innovative strategies in preventing renal ischemia-reperfusion injury: insights from bibliometric and in silico analyses. *Current Pharmaceutical Design*. 2024.
205. Farrar Z, Afshar A, Zare A, Mussin NM, Kaliyev AA, Zhilisbayeva KR, Mahdipour M, **Tamadon A** (2024) Tissue clearing and three-dimensional imaging of intact tissues: a review on FACT protocol. *Journal of Histotechnology*.
204. Saipiyeva D, Askarov M, Jafari N, Zhankina R, Heath PR, Kozina L, Boltanova A, Omarbekov A, Ilyassov N, Tuganbekova T, Mussin NM, Kaliyev AA, Sultangereyev Y, Rahmanifar F, Mahdipour M, Bakhshalizadeh S, Shirazi R, Tanideh N, **Tamadon A** (2024) Bone marrow and peripheral blood mononuclear cell phenotype changes after cultivation and autologous infusion in patients with primary biliary cholangitis. *Iranian Journal of Medical Sciences*.
203. Khodabandeh Z, Jahromi BN, Hashemi A, Hessami K, Jamhiri I, Zare S, Badr P, Irajil, Poordast T, Baghban N, Khoradmehr A, Maratovich Mussin N, Askerovich Kaliyev A, Maratovich Iztleuov Y, Shirazi R, Mahdipour M, Bakhshalizadeh S, Rahmanifar F, Jafari N, Tanideh N, **Tamadon A** (2024) Ceratonia siliqua L. pod effects on the viability gene expression of endometrial mesenchymal stromal/stem cells isolated from women with endometriosis-associated infertility. *International Journal of Fertility and Sterility*.
202. Zhankina R, Zhanbyrbekuly U, Askarov M, Zare A, Jafari N, Saipiyeva D, Sherkhonov R, Akhmetov D, Hashemi A, Farjam M, Tanideh N, Aflatoonian B, Mussin NM, Kaliyev AA, Sultangereyev Y, Baneshi H, Shirazi R, Mahdipour M, Bakhshalizadeh S, Rahmanifar F, **Tamadon A** (2024) Improving fertility in non-obstructive azoospermia: results from an autologous bone marrow-derived mesenchymal stromal/stem cell phase I clinical trial. *International Journal of Fertility & Sterility*.
201. Zhylybekova A, Koshmaganbetova GK, Zare A, Mussin NM, Kaliyev AA, Bakhshalizadeh S, Ablakimova N, Grjibovski AM, Glushkova N, **Tamadon A** (2024) Global research on care-related burden and quality of life of informal caregivers for older adults: a bibliometric analysis. *Sustainability*. 16:1020.

200. Baspakova A, Abitova AZ, Mussin NM, Kaliyev AA, Yerimbetova G, Zhumagaliyeva S, Ashimova Z, Zhilibayeva KR, Umbetova AA, Nurtazina AU, **Tamadon A** (2024) Sex differentials in the prevalence of behavioral risk factors and non-communicable diseases in adult populations of West Kazakhstan. *Frontiers in Public Health*. 12:1333887.
199. Karabaeva RZ, Vochshenkova TA, Mussin NM, Albayev RK, Kaliyev AA, **Tamadon A** (2024) Epigenetics of hypertension as a risk factor for the development of coronary artery disease in type 2 diabetes mellitus. *Frontiers in Endocrinology*. 15:1365738.
198. Daneshi SS, Tayebi L, Talaei-Khozani T, Tavanafar S, Hadaegh AH, Rasoulianboroujeni M, Rastegari B, Asadi-Yousefabad SL, Nammian P, Zare S, Mussin NM, Kaliyev AA, Zhelibayeva KR, Tanideh N, **Tamadon A** (2024) Reconstructing critical-sized mandibular defects in a rabbit model: enhancing angiogenesis and facilitating bone regeneration via a cell-loaded 3d-printed hydrogel-ceramic scaffold application. *ACS Biomaterials Science & Engineering*. 10: 3316-3330.
197. Zhylybekova A, Koshmaganbetova GK, Rysmakhanov MS, Abenova NA, Mussin NM, Kaliyev AA, Mahdipour M, **Tamadon A** (2024) Engineering of ovarian tissue for ovarian dysfunctions: A review. *Asian Pacific Journal of Reproduction*. 13:3-11.
196. Shanazarov NA, Zare A, Mussin NM, Albayev RK, Kaliyev AA, Iztleuov YM, Smailova SB, **Tamadon A** (2024) Photodynamic therapy of cervical cancer: a scoping review on the efficacy of various molecules. *Therapeutic Advances in Chronic Disease*. 15:20406223241233206.
195. Mussin NM, **Tamadon A**, Kaliyev AA (2024) Unlocking the potential: the importance of mesenchymal stem cell therapy for knee osteoarthritis. *West Kazakhstan Medical Journal*. 14:1-5.
194. Zhussupova Z, Jaxybayeva A, Ayaganov D, Tekebayeva L, Mamedbayli A, **Tamadon A**, Zharmakhanova G (2024) General movement assessment efficacy for assessment of nervous system integrity in children after hypoxic-ischemic encephalopathy in middle income countries. *Early Human Development*. 24:105992.
193. Bekenova NB, Vochshenkova TA, Ablakimova N, Zhylybekova A, Mussin NM, Albayev RK, Kaliyev AA, **Tamadon A** (2024) A bibliometric analysis of study of associations of certain genotypes with the cardiovascular form of diabetic neuropathy. *BioMed Research International*. 2024: 6761451.
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191. Baspakova A, Bazargaliyev YS, Kaliyev AA, Mussin NM, Karimsakova B, Akhmetova SZ, **Tamadon A** (2024) Bibliometric analysis of the impact of ultra-processed foods on the gut microbiota. *International Journal of Food Science & Technology*. 59:1456-1465.
190. Xu Y, Huang W, **Tamadon A**, Lin Y, Ye G (2023) Characterization of esophageal cancer molecular signatures and mechanisms using multi-omics analyses. *Frontiers in Genetics*.14:1334569.
189. Tlegenova Z, Balmagambetova S, Zholdin B, Kurmanalina G, Talipova I, Koyshybaev A, Sultanbekova G, Baspayeva M, Madinova S, Kubenova K, Amanova A, **Tamadon A** (2023) Role of clinical risk factors and b-type natriuretic peptide in assessing the risk of asymptomatic cardiotoxicity in breast cancer patients in Kazakhstan. *Diagnostics*. 13(23):3557.
188. **Tamadon A**, Kaliyev AA, Mussin NM. (2023) Embracing Change: The Transition of the West Kazakhstan Medical Journal to English. *West Kazakhstan Medical Journal*. 21:1-3.
187. Karabaeva RZ, Vochshenkova T, Zare A, Jafari N, Baneshi H, Mussin NM, Albayev RK, Kaliyev AA, Baspakova A, **Tamadon A** (2023) Genetic and epigenetic factors of arterial hypertension: A bibliometric and in-silico-based analyses. *Frontiers in Molecular Biosciences*.10:1221337.
186. Nazdikbin Yamchi N, Ahmadian S, Mobarak H, Amjadi F, Beheshti R, **Tamadon A**, Rahbarghazi R, Mahdipour M. (2023) Amniotic fluid-derived exosomes attenuated fibrotic changes in POI rats through modulation of the TGF- β /Smads signaling pathway. *Journal of Ovarian Research*. 16(1): 118.
185. Afshar A, Khoradmehr A, Nowzari F, Baghban N, Zare M, Najafi M, Keshavarzi S Z, Zendejboudi F, Mohebbi G, Barmak A, Mohajer F, Basouli N, Keshtkar M, Iraj A, Sari Aslani F, Irajie C, Nabipour I, Mahmudpour M, Tanideh N, **Tamadon A** (2023) Tissue extract from brittle star undergoing arm regeneration promotes wound healing in rat. *Marine Drugs*. 21(7): 381.
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183. Izanlou S, Afshar A, Zare A, Zhilibayeva K R, Bakhshalizadeh S, Safaei Z, Sehat-Bakhsh S, Khaledi S, Asgari HR, Kazemnejad S, Ajami M, Ajami M, Tarzjani MD, Najafzadeh V, Kouchakian MR, Mussin

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181. Ablakimova N, Smagulova GA, Rachina S, Mussina AZ, Zare A, Mussin NM, Kaliyev AA, Shirazi R, Tanideh N, **Tamadon A** (2023) bibliometric analysis of global research output on antimicrobial resistance among pneumonia pathogens (2013–2023). *Antibiotics*. 12(9): 1411.
180. Zare A, Izanloo S, Khaledi S, Nadiar Maratovich M, Askerovich Kaliyev A, Abdullayevna Abenova N, Rahmanifar F, Mahdipour M, Bakhshalizadeh S, Shirazi R, Tanideh N, **Tamadon A** (2023) A bibliometric and in silico-based analysis of anti-lung cancer compounds from sea cucumber. *Marine Drugs*. 21: 283.
179. Baghban N, Khoradmehr A, Afshar A, Jafari N, Zendehboudi T, Rasekh P, Gholamian Abolfathi L, Barmak A, Mohebbi Gh, Akmaral B, Asset Askerovich K, Nadiar Maratovich M, Azari H, Assadi M, Nabipour I, **Tamadon A** (2023) MRI tracking of marine proliferating cells in vivo using anti-oct4 antibody-conjugated iron nanoparticles for precision in regenerative medicine. *Biosensors*. 13: 268.
178. Zare A, Afshar A, Khoradmehr A, Baghban N, Mohebbi G, Barmak A, Daneshi A, Bargahi A, Nabipour I, Almasi-Turk S, Arandian A, Zibaii MI, Latifi H, **Tamadon A** (2023) Chemical compositions and experimental and computational modeling of the anticancer effects of cnidocyte venoms of jellyfish *Cassiopea andromeda* and *Catostylus mosaicus* on human adenocarcinoma A549 cells. *Marine Drugs*. 21: 168.
177. Rasekh P, Kameli A, Khoradmehr A, Baghban N, Mohebbi G, Barmak A, Nabipour I, Azari H, Heidari Y, Daneshi A, Bargahi A, Khodabandeh Z, Zare S, Afshar A, Shirazi R, Almasi-turk S, **Tamadon A** (2023) Proliferative effect of aqueous extract of sea cucumber (*Holothuria parva*) body wall on human umbilical cord mesenchymal stromal/stem cells. *Marine Drugs*. 21: 267.
176. Farshid Z, Moradi Balef R, Zendehboudi T, Dehghan N, Mohajer F, Kalbi S, Hashemi A, Afshar A, Heidari Bafghi T, Baneshi H, **Tamadon A** (2023) Reforestation of grey mangroves (*Avicennia marina*) along the northern coasts of the Persian Gulf. *Wetlands Ecology and Management*. 31: 115-128
175. Zare A, Salehpour A, Khoradmehr A, Bakhshalizadeh Sh, Najafzadeh V, Almasi-Turk S, Mahdipour M, Shirazi R, **Tamadon A** (2023) epigenetic modification factors and micrnas network associated with differentiation of embryonic stem cells and induced pluripotent stem cells toward cardiomyocytes a review. *Life*. 13: 569.
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173. Nazdikbin Yamchi N, Alizadeh Ashrafi MM, Abbasi H, Amjadi F, Geranmayeh MH, Shirazi R, **Tamadon A**, Rahbarghazi R, Mahdipour M. (2022) Classical music restored fertility status in rat model of premature ovarian failure. *BMC Complementary Medicine and Therapies*. 22: 290.
172. Jafari N, Habashi MS, Hashemi A, Shirazi R, Tanideh N, **Tamadon A** (2022) Application of bioactive glasses in various dental fields. *Biomaterials Research*. 26: 31.
171. **Tamadon A**, Tanideh N and Shirazi R (2022) Editorial: Stem Cell-Derived Exosome Therapy of Microbial Diseases: From Bench to Bed. *Frontiers in Microbiology*. 12: 842773.
170. Salehi MS, Pandamooz S, **Tamadon A**, Jafarzadeh Shirazi MR, Borhani-Haghighi A (2022) Reproductive complications after stroke: Long-lasting impairment of gonadotropin-releasing hormone neuronal network? *Biology of Reproduction*. 107: 368–370.
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166. Baghban N, Khoradmeh A, Nabipour I, **Tamadon A**, Ullah M. (2022) The potential of marine-based gold nanomaterials in cancer therapy: a mini-review. *Gold Bulletin*. 55: 53–63.
165. Shaaban Z, **Tamadon A**, Jafarzadeh Shirazi MR, Zamiri MJ, Derakhshanfar A (2022) Maternal aromatase inhibition via letrozole altered RFamide-related peptide-3 and gonadotropin-releasing hormone expression in pubertal female rats. *Iranian Journal of Basic Medical Sciences*. 25: 110-120.
164. Danafar A, Khoradmeh A, Hosseini Bondarabadi M, Mazaheri F, **Tamadon A**, Pourmasoumi S, Gholizadeh L, Moshrefi M, Halvaei I, Hosseini A, Golzadeh J, Rahiminia T, Anvari M. (2021) Impairment of sperm efficiency in mice following short-term nano-titanium dioxide exposure: An experimental study. *International Journal of Reproductive BioMedicine*. 19 (12) :1045-1058.
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160. Kouchakian MR, Baghban N, Moniri SF, Baghban M, Bakhshalizadeh S, Najafzadeh V, Safaei Z, Izanlou S, Khoradmeh A, Nabipour I, Shirazi R, **Tamadon A** (2021) The clinical trials of mesenchymal stromal cells therapy. *Stem Cells International*. 2021: Article ID 1634782.
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158. Zandabodi T, Afshar A, Khoradmeh A, Azari H, Farjam M, **Tamadon A** (2021) Marine Biobank (MB): From protection of genetic resources to biomedical entrepreneurship. *Iranian South Medical Journal*. 24(4): 242-264
157. Samieefar N, Yari Boroujeni R, Jamee M, Lotfi M, Golabchi M, Afshar A, Miri HR, Khazeei Tabari MA, Darzi P, Abdullatif Khafaie M, Amirheidari B, **Tamadon A**, Rambod Rad N, Samimi N, Farjam M, Shiravi F, Farshidi N, Hedayati M, Doostkamel D, Alikhani R, Razmkhah M, Abdollahifard S, Nasiri Kalmarzi R, Kelishadi R, Khazaei H, Aghamohammadi A, Jafari Mousavi FS, Shamsizadeh M, Khojasteh A, Rezaei N. (2021) Country quarantine during COVID-19: Critical or not? *Disaster Medicine and Public Health Preparedness*. 15(4): e24-e25.
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155. Kim YJ, **Tamadon A**, Kim YY, Kang BC, Ku SY. (2021) Epigenetic regulation of cardiomyocyte differentiation from embryonic and induced pluripotent stem cells. *International Journal of Molecular Sciences*. 22(16), 8599
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148. Chehrazi M, Shirakani A, Nabipour I, Balef R, Khoradmehar A, Rasti N, **Tamadon A** (2021) Conocarpus tree the marine - medicinal treasure of southern Iran: a review of botany, phytochemical and medicinal properties. *Iranian South Medical Journal*. 24(2): 111-125.
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C. Graduate Thesis Supervisor

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D. Graduate Thesis Advisor

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E. Graduate Thesis Referee

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F. Conferences and Presentations

F.A. International

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69. **Tamadon A** (2023) Applications of non-human-derived exosomes for induction of human cells proliferation: in-silico, in vitro and in-vivo studies. The 9th Yazd International Congress and Student Award on Reproductive Medicine. 13-15 May, Yazd, Iran.
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23. Nategh Ahmadi MH, Chalmeh AA, **Tamadon A**, Alipoor M. (2010) Pregnancy rates in Holstein heifers after artificial insemination with sexed sperm in Shiraz industrial dairy farms. The 4th Congress of Animal Sciences of Iran, Karaj, pp: 4067-4070.
22. Moosavi Davodi SM, **Tamadon A** (2010) Evaluation of the ethical rule documentation necessity in research application of domestic animals. The 7th Iran's Veterinary Student Congress, Shiraz, p: 271.
21. Vahedi M, Alirezaei M, Nategh Ahmadi MH, **Tamadon A** (2010) Review of different methods of sexual reversal in ornamental fishes. The 1st Iranian Ornamental Fishes Conference, Tehran. p: 62.
20. Nazifi S, Mehrshad S, **Tamadon A**, Raayat Jahromi A, Behzadi MA, Haddadi Sh. (2009) Prevalence of *Cryptosporidium* isolated from dromedary camels (*Camelus dromedarius*) in Qeshm Island, Southern Iran. The Regional Conference of Camel Research Priorities, Mashhad, Iran, pp: 41-42.
19. Javdani Gandomani M, Dehghani Najvani S, Shirian S, **Tamadon A** (2009) Evaluation of a routine antiseptic and two disinfectant agents for preoperative preparation of cow hoof. The 1st Symposium of Lameness in Ruminants and Its Economical Effect in Animal Productions. Shiraz, Iran. p: 59.
18. Sharifi Yazdi H, Kafi M, Haghkhal M, **Tamadon A**, Behroozikhah AM, Ghane M, Alamian S, Masoodian M. (2009) First report of abortion in pregnant dairy cows after vaccination with reduced dose of *Brucella abortus* strain RB51. National Congress of Brucellosis, Shiraz, Iran.
17. Jafari Shoorijeh S, Behzadi MA, **Tamadon A**, Momeni Biglari S. (2008). Evaluation of the reports of tail chasing in dogs that referred to small animal clinic of School of Veterinary Medicine of Shiraz University between 2001 and 2006. The 4th National Congress of Small Animal. Tehran, Iran.
16. Behzadi MA, **Tamadon A**, Jaberi Y. (2008) Infestation with *Pseudolynchia canariensis* larva and the death caused by *Haemoproteus columbae* in pigeon chicks of a dovecote in Shiraz. The 4th National Symposium of Poultry Health and Diseases. Shahrekord, Iran.
15. Behzadi MA, Yazdanpoor H, **Tamadon A** (2008) First report of ostrich cryptosporidiosis in Fars province. The 4th National Symposium of Poultry Health and Diseases. Shahrekord, Iran.
14. Jafari Shoorijeh S, Behzadi MA, **Tamadon A** (2008) Epidemiological study of animal bite in urban and rural societies of Shiraz between 2001 and 2006. The 15th Iranian Veterinary Congress. Tehran, Iran.
13. Jafari Shoorijeh S, Abdi O, Behzadi MA, **Tamadon A** (2008) Comparison of counter immunoelectrophoresis with standard serological test in diagnosis of buffalo brucellosis in Fars province of Iran. The 5th Convention of Iranian Veterinary Clinician, Ahwaz, Iran.
12. Jafari Shoorijeh S, Goldoost R, Behzadi MA, **Tamadon A** (2008) Seroepidemiological survey of brucellosis in rams and bucks in Shiraz animal husbandry. The 5th Convention of Iranian Veterinary Clinician, Ahwaz, Iran.
11. Jafari Shoorijeh S, Niknam S, Behzadi MA, **Tamadon A** (2007) A preclinical study on different doses of tylosin tolerance in dogs. The 1st Congress of Veterinary Pathobiology and Basic Sciences, Kazeroon, Iran.
10. **Tamadon A** (2007) Application of sonography in examination of genital system of mare. One-Day Seminar of Application of Biothechnology Science in Animal, Kazeroon, Iran.
9. Emadi M, **Tamadon A** (2006) Evaluation of dystocia in small ruminant – report of a dystocia in an ewe caused by persistent hymen. The 14th Iranian Veterinary Congress. Tehran, Iran.
8. Jafari Shoorijeh S, Vahedi M, **Tamadon A** (2006) Does intramuscular injection of Enrofloxacin alter the electrolyte parameters in the cat? The 3rd National Congress of Veterinary in Small Animal. Tehran, Iran.
7. Jafari Shoorijeh S, **Tamadon A**, Vahedi, M. (2006) Comparative study on the effects of different intramuscular doses of Iranian and Spanish enrofloxacin on clinical signs, hematological and some serum biochemical parameters in the cat. The 14th Iranian Veterinary Congress. Tehran, Iran.
6. Nazifi S, Meimandi Parizi AH, **Tamadon A**, Mahjoor A, Bigham A (2006) Report of squamous cell carcinoma of the larynx in a Pekingese dog. The 14th Iranian Veterinary Congress. Tehran, Iran.
5. Jafari Shoorijeh S, Fakhar M, Motazedian MH, Bigham A, **Tamadon A** (2005) The first report of clinical canine visceral leishmaniosis in a German shepherd dog in Shiraz, Fars province of Iran. The 2nd National Congress of Hygiene and Diseases of Small Animal. Tehran, Iran.

4. Sarchahi AA, **Tamadon A** (2005) Report of a lymphadema tumor in a Great Dane dog. The 4th Convention of Iranian Veterinary Clinician, Uremia, Iran.
3. **Tamadon A** (2004) Software of heart disease and failure of dog and cat. The 1st Congress of Iranian Student of Veterinary Laboratory Sciences, Tabriz, Iran.
2. **Tamadon A** (2004) Training software of veterinary parasitology. The 1st Congress of Iranian Student of Veterinary Laboratory Sciences, Tabriz, Iran.
1. Vahedi M, **Tamadon A**, Kadivar A (2002) The first report of birds' infestation by *Fasciola hepatica* in emu (*Australian struthious*). The 1st Regional Zoonosis Congress, Sanandaj, Iran.

Patents

5. Tanideh N, Nowzari F, **Tamadon A**, Rahmanifar F. (2017) Eco-friend food pellet for controlling rodent population. Iran invention patent number: 91574
4. Heidari M, Mohamadinejad SM, Khishavand HR, **Tamadon A**, Tajeddini M. (2015) laboratory animals electroejaculator (rat, mouse). Iran invention patent number: 85302
3. Mohamadinejad SM, Pooyanfar M, Mirzai A, **Tamadon A** (2008) Digital movement detector. Iran invention patent number: 48022.
2. **Tamadon A**, Tahamtani S. (2007) Microscope warmstage. Iran invention patent number: 48023.
1. **Tamadon A** (2006) Intervaginal artificial vagina of small ruminant. Iran invention patent number: 46148.

Awards

1. Award of the Excellent Researcher of Bushehr University of Medical Sciences in 2019
2. Award of the Excellent Student of Shiraz University in 2011
3. Award of the Excellent Student of Shiraz University in 2010
4. Award of the Excellent Student of Shiraz University in 2009

Given seminars and workshops

10. **Tamadon A** (2012) Can I be a good researcher. 2 h seminar, Professor Nezami Research House, Fasa, Iran
9. **Tamadon A** (2012) Introducing Endnote X1 and principals of reference writing. 1 d workshop, School of Veterinary Medicine Shiraz University, Shiraz, Iran
8. **Tamadon A** (2012) Modality of proposal writing. 4 h workshop, School of Veterinary Medicine Shiraz University, Shiraz, Iran
7. **Tamadon A** (2012) Principals of scientific writing: proposal, thesis and journal and conference articles. 26 h training course, School of Veterinary Medicine Shiraz University, Shiraz, Iran
6. **Tamadon A** (2011) Introducing Endnote X1 and principals of reference writing. 4 h workshop, School of Veterinary Medicine Shiraz University, Shiraz, Iran
5. **Tamadon A** (2011) How the EndNote X1 works? 4 h seminar, School of Agriculture, Shiraz University, Shiraz, Iran
4. **Tamadon A** (2011) Modality of subject selection, planning, and administration of research in veterinary sciences, 2 days' workshop, School of Veterinary Medicine Shiraz University, Shiraz, Iran
3. **Tamadon A** (2011) An introduction to EndNote X1, 1 h seminar, School of Veterinary Medicine Shiraz University, Shiraz, Iran
2. **Tamadon A** (2010) Modality of designing and administration of research in biologic sciences (Advanced), 2 days' workshop, Shiraz University, Shiraz, Iran
1. **Tamadon A** (2010) Modality of designing and administration of research in biologic sciences (Introduction), 2 days' workshop, Shiraz University, Shiraz, Iran

Courses taught

7. Tissue Clearing
6. Techniques in Veterinary Reproduction
5. Veterinary Reproductive Diseases
4. Ruminant Health Management
3. Basic Skills in Production Veterinary Medicine
2. Genetic Improvement and Breeding
1. Veterinary Applied Nutrition

Experiences

7. Certificate of "The 2nd workshop of sperm evaluation tests for diagnosing and treatment of infertility" 2007, The Royan Institute, Isfahan branch, Isfahan, Iran.
6. Certificate of: "Workshop of sonography of cow and mare genital system sonography" 2007, School of Veterinary Medicine, Shiraz University, Shiraz, Iran.
5. Certificate of "Workshop of ET-IVP and cloning in cow" 2007, The Royan Institute, Isfahan branch, Isfahan, Iran.
4. Certificate of "Workshop of camel reproduction" 2007, School of Veterinary Medicine, Tehran University, Tehran, Iran.
3. Certificate of "Workshop of sonography and ET in cow" 2007, School of Veterinary Medicine, Tehran University, Sari, Iran.
2. Certificate of "Workshop of caryotyping" 2006, Genetic Center of Jihad Daneshgahi, Shiraz, Iran.
1. Certificate of "Entrepreneurship workshop" 2004, Shiraz University, Shiraz, Iran.

Memberships

1. Editorial board of Iranian Red Crescent Medical Journal (IRCMJ)
2. Adviser of Scientific Student Association of Veterinary Biotechnology (2010-2013)
3. Scientific committee of the 8th Yazd International Congress and Student Award in Reproductive Medicine with 3rd Congress of Reproductive Genetics (2019)

Past Research and Achievements

1. Evaluation of the expression of melanocortin-4 (MC4R) and Aguti related peptide (AgRP) in the arcuate nucleus during pregnancy and lactation in rat using RT-PCR; Project amount: \$5,000
2. Evaluation of the experimental model of Asherman's syndrome in rabbit; Project amount: \$5,000
3. Design and construction of electro-ejaculator for using in laboratory animals; Project amount: \$3,000
4. Evaluation of mRNA expression in hypothalamic KiSS-1 peptides RFRP-3 and to pregnant rats by RT-PCR; Project amount: \$3,000
5. Effects of malnutrition on expression of Kiss-1 and RFRP-3 mRNA in the hypothalamus of ovariectomized female rats; Project amount: \$3,000
6. Gene expression patterns of KiSS-1 and RFRP-3 in the hypothalamus of the rat estrous cycle stages; Project amount: \$3,000
7. Effect of litter size and milking intensity on the expression of mRNA KiSS-1 neurons in the hypothalamus of the lactating rat; Project amount: \$3,000
8. Studies on changes in serum thyroid hormones and progesterone concentrations and enzyme activity in cervical secretions and their relations with energy indices in postpartum period in high producing dairy cows: comparison of fertile and subfertile high producing dairy cows; Project amount: \$25,000
9. Digital pedometer; Project amount: \$1,000
10. Finding new ways to create teaser rams without surgery; Project amount: \$2,000
11. Evaluate the effectiveness of artificial vagina inside the vagina of sheep and their semen evaluation; Project amount: \$2,000

International collaboration

1. Professor Ulanbek Zhanbyrbekuly from Astana University of Medical Sciences, Astana, Kazakhstan
2. Professor Kazuyoshi Tsutsui from Waseda University, Japan.
3. Professor Feng Yi from Department of Integrative Medicine and Neurobiology, Shanghai Medical College, Fudan University, Shanghai, China.
4. Professor Jun Chen from Department of Neuroscience, School of Medicine, University of Pittsburgh, USA.
5. Professor Seung Yup Ku from Department of Transplantation, School of Medicine, Seoul National University, Seoul, South Korea.
6. Professor Byeong-Cheol Kang from Department of Transplantation, School of Medicine, Seoul National University, Seoul, South Korea.
7. Professor NJ MacLachlan from Department of genetics, School of Veterinary Medicine, California University, USA.

8. Professor Bl Osburnon from Department of genetics, School of Veterinary Medicine, California University, USA. Project title: seroprevalence of bluetongue virus infection in sheep flocks in West Azerbaijan, Iran.
9. Professor Iain J Clarke from Monash University, Australia.
10. Professor Nadier Mussin Maratovich from Almaty University of Medical Sciences, Almaty Kazakhstan.
11. Professor Yu J, from Department of Pediatrics, Fudan University; Shanghai
12. Professor Pérez JM Departamento de Biología Animal, Universidad de Jaén, Spain