

CURRICULUM VITAE

A. PERSONAL INFORMATION

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|----------------|--|
| First name | Hamideh |
| Last name | Bashiri |
| Date of birth | September 20, 1985 |
| Country | Iran |
| Nationality | Iranian |
| Marital Status | Married with three children |
| Languages | Persian, English |
| E-mail | h.bashiri@kmu.ac.ir bashiry_h@yahoo.com |



*MSRT Score: 70

*Degree in Basic and Advanced English Conversation

B. CURRENT POSITION

Assistant Professor of Pharmacology, Department of Physiology and Pharmacology, Afzalipour School of Medicine, Kerman University of Medical Sciences, Kerman, Iran (2016 up to now)

C. ACADEMIC EDUCATION

-Doctor of Veterinary Medicine, Shahid Bahonar University of Kerman, Kerman, Iran, 2009.

-PhD in Pharmacology, Tehran University of Medical Sciences, Tehran, Iran, 2016.

D. THESIS

DVM Thesis Title

Evaluation of prevalence and pathologic finding of ovine pulmonary adenomatosis in kerman's slaughterhouse

PhD Thesis Title

Involvement of the basolateral amygdala $\alpha 2$ -adrenoceptors and study on role of P-CREB and c-Fos in nicotine-induced angiogenesis in rats

E. HONOURS/AWARDS

- Neuro 2022 travel award recipient for foreign scientists (The Japan Neuroscience congress), 2022, Okinawa, Japan.
- First grade of top articles in 5th basic and clinical neuroscience congress, 2016, Iran.
- Second grade in entrance PhD exam, Pharmacology, 2010, Iran.
- First grade in PhD degree, Tehran University of Medical Sciences, Tehran, Iran.
- Member of exceptional talent development center, Tehran University of Medical Sciences, Tehran, Iran 2013-2016).

F. EXECUTIVE POST

- Deputy of physiology and pharmacology department in Afzalipour school of medicine (December 2018 up to now)
- Research director of Sirjan faculty of medical sciences (2016-2018)
- Member of cultural council of Sirjan faculty of medical sciences (2016 up to now)

G. TEACHING EXPERIENCE

- Education of Pharmacology for Nursing, Anesthesia, Medical Emergencies, Laboratory Sciences, Public Health students (2016 up to now)
- Education of Pharmacology Laboratory for Medical students (2016 up to now)
- Education of Toxicology for Laboratory Sciences students (2016 up to now)
- Education of Toxicology Laboratory for Laboratory Sciences students (2016 up to now)
- Education of working with laboratory animals for PhD students (2018 up to now)
- Education of Special English for Midwifery, Public Health and Nursing students (2016 up to now)
- Education of Parasitology for Biology students (2009-2010)
- Education of Histology and Histology Laboratory for Laboratory Sciences of Veterinary Students (2009-2010)

H. PUBLICATIONS

1) BOOK TRANSLATED

- Basic and clinical pharmacology Katzung. 15th edition (2021), A group of prominent professors of the country, Etminan Press.
- Lippincott's Illustrated Reviews: Pharmacology. 5th Edition (2012), Manijeh Motevallian, MohammadSalar Zaheriani, Nahid Hematian Boroujeni, **Hamideh Bashiri**, Jameenegar Press.

- Lippincott's Illustrated Reviews: Pharmacology. 6th Edition (2015), Manijeh Motevallian, Mohammadsalar Zaheriani, Nahid Hematian Boroujeni, **Hamideh Bashiri**, Majid Mottaghinejad, Foad Ghazizade, Jameenegar Press.

2) INTERNATIONAL ARTICLES

1. B Tirgari, M Khaksari, Z Soltani, M Mirzaee, S Saberi, **H Bashiri***, "Spiritual Well-being in Patients with Chronic Diseases: A Systematic Review and Meta-analysis", *Journal of Religion and Health*, 1-19, 2022.
2. A Moslemizadeh, MH Nematollahi, S Amiresmaili, S Faramarz, E Jafari, ..., **H. Bashiri***, "Combination therapy with interferon-gamma as a potential therapeutic medicine in rat's glioblastoma: A multi-mechanism evaluation", *Life Sciences*, 120744, 2022.
3. M Khaksari, A Raji-Amirhasani, **H Bashiri**, MN Ebrahimi, H Azizian, "Protective effects of combining SERMs with estrogen on metabolic parameters in postmenopausal diabetic cardiovascular dysfunction: The role of cytokines and angiotensin II" *Steroids*, 183, 109023, 2022.
4. L Jafaripour, K Esmaeilpour, M Maneshian, **H Bashiri**, MA Rajizadeh, ..., "The effect of gallic acid on memory and anxiety-like behaviors in rats with bile duct ligation-induced hepatic encephalopathy: Role of AMPK pathway", *Avicenna Journal of Phytomedicine*, 12 (4), 425, 2022.
5. SSV Shahrabaki, H Jonaidi, V Sheibani, **H Bashiri***, "Early postnatal handling alters social behavior, learning, and memory of pre-and postnatal VPA-induced rat models of autism in a context-based manner", *Physiology & Behavior*, 249, 113739, 2022.
6. F Dehghanian, Z Soltani, A Farsinejad, M Khaksari, E Jafari, **H. Bashiri** ..., "The Effect of Oral Mucosal Mesenchymal Stem Cells on Pathological and Long-Term Outcomes in Experimental Traumatic Brain Injury", *BioMed Research International*, 2022.
7. M Khaksari, N Sabet, Z Soltani, **H Bashiri**, "Gender-related response of body systems in COVID-19 affects outcome", *Infection and Immunity*, 11 (6), 1020-1036, 2021.
8. A Shafaghi, SSV Shahrabaki, A Aminzadeh, M Heidari, MS Meymandi, **H Bashiri***, "The effect of early handling on anxiety-like behaviors of rats exposed to valproic acid pre-and post-natally", *Neurotoxicology and Teratology*, 107050, 2021.
9. M Balvardi, N Dehdashti, Z Imani-Goghary, M Ghaljeh, **H Bashiri***, ..., "Investigating the Prevalence of Substance Use Among Students of Medical Science Universities in the Eighth Macro-region of Iran", *Int J High Risk Behav Addict*, 10 (4), e113237, 2021.
10. M Khaleghi, MA Rajizadeh, **H Bashiri**, KA Kohlmeier, F Mohammadi, "Estrogen attenuates physical and psychological stress-induced cognitive impairments in ovariectomized rats", *Brain and Behavior*, 11 (5), e02139, 2021.
11. **H Bashiri**, DJ Houwing, JR Homberg, AA Salari, "The combination of fluoxetine and environmental enrichment reduces postpartum stress-related behaviors through the oxytocinergic system and HPA axis in mice", *Scientific Reports*, 11 (1), 1-13, 2021.

12. M Shamsi Meymandi, G Sepehri, A Moslemizadeh, SS Vakili Shahrababaki,..., **H Bashiri**, "Prenatal pregabalin is associated with sex-dependent alterations in some behavioral parameters in valproic acid-induced autism in rat offspring", *International Journal of Developmental Neuroscience*, 80 (6), 500-511, 2020.
13. KB Juybari, G Sepehri, MS Meymandi, SSV Shahrababaki, ... **H Bashiri***, "Sex dependent alterations of resveratrol on social behaviors and nociceptive reactivity in VPA-induced autistic-like model in rats", *Neurotoxicology and Teratology*, 81, 106905, 2020.
14. **H Bashiri**, M Enayati, A Bashiri, AA Salari, "Swimming exercise improves cognitive and behavioral disorders in male NMRI mice with sporadic Alzheimer-like disease", *Physiology & Behavior*, 223, 113003, 2020.
15. M Zarrindast, A Rezayof, M Sahebgharani, SM Tavangar, A Omid, ..., **H Bashiri***, "Investigating the role of p-creb and c-fos protein expression in nicotine-induced angiogenesis in rats", *Journal of Babol University of Medical Sciences*, 22 (1), 9-16, 2020.
16. F Noormand, AS Kermani, EK Raviz, K Esmaeilpour, M Golshani, ... **H Bashiri***, "Investigating the neuroprotective effects of Resveratrol on encephalopathy induced by bile duct ligation in male rats", *Biointerface Research in Applied Chemistry*, 10 (3), 5512-5515, 2020.
17. A Aminzadeh, **H Bashiri**, "Myricetin ameliorates high glucose-induced endothelial dysfunction in human umbilical vein endothelial cells", *Cell biochemistry and function*, 38 (1), 12-20, 2020.
18. Shokouh Hamidkhaniha, **Hamideh Bashiri***, Ameneh Omid, Ali Hosseini-Chegeni, Seyed Mohammad Tavangar, Salehe Sabouri, Hamed Montazeri, Mousa Sahebgharani, "Effect of pretreatment with intracerebroventricular injection of minocycline on morphine-induced memory impairment in passive avoidance test: role of P-CREB and c-Fos expression in the dorsalhippocampus and basolateral amygdala regions", *Clinical and experimental physiology and pharmacology*, 2019.
19. Samaneh Ghotbi Ravandi, Mohammad Shabani, **Hamideh Bashiri** , Monavvar Saeedi Goraghani, Mehdi Khodamoradi, Masoumeh Nozari" Ameliorating effects of berberine on MK- 801-induced cognitive and motor impairments in a neonatal rat model of schizophrenia", *Neuroscience Letters*, 2019.
20. Morteza Kosari-Nasab, Tayebbeh Sadeghi, **Hamideh Bashiri**, Ghaffar Shokouhi, Ali-Akbar Salari. "The blockade of corticotropin-releasing factor 1 receptor (CRF-1R) attenuates anxiety- related symptoms and HPA axis reactivity in mice with mild traumatic brain injury", *Behavioural Pharmacology*, 2019.
21. **Hamideh Bashiri***, Heshmat Hosseini-Chegeni, Khadijeh Alsadat Sharifi, Mousa Sahebgharani & Ali-Akbar Salari. "Activation of TRPV1 receptors affects memory function and hippocampal TRPV1 and CREB mRNA expression in a rat model of biliary cirrhosis", *Neurological Research*, 2018.

22. **Hamideh Bashiri**, Ameneh Rezayof, Mousa Sahebgharani, Seyed Mohammad Tavangar, Mohammad-Reza Zarrindast. "Modulatory effects of the basolateral amygdala α_2 -adrenoceptors on nicotine-induced anxiogenic-like behaviours of rats in the elevated plus maze", *Neuropharmacology*, 2016; 105, 478-486.
23. Reza Kheirandish, Masoud Sami, **Hamideh Bashiri**, "Incidence and description of ovine pulmonary adenocarcinoma in abattoir lungs (2000)", *Online Journal of Veterinary Research*, 2014; 18(2): 91-100.
24. 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", *Journal of physiology and Biochemistry*, 2012; 68 (2): 271-279.
25. Siyavash Joukar, Nafiseh Atapour, Tajpari Kalantaripour, **Hamideh Bashiri**, Alireza Shahidi. "Differential modulatory actions of GABAA agonists on susceptibility to GABAA antagonists induced seizures in morphine dependent rats: possible mechanisms in seizure propensity", *Pharmacology Biochemistry and Behavior*, 2011; 99 (1): 17-21.

3) PAPER AND ABSTRACTS IN INTERNATIONAL AND NATIONAL CONGRESS

1. **Hamideh Bashiri**, A Moslemizadeh, MH Nematollahi, " Effect of Combined Treatment with Temozolomide and Interferon Gamma on Expression of TLR-4, some Antioxidant and Inflammatory Factors in an Animal Model of Glioblastoma", *The Japan neuroscience congress*, 2022.
2. **Hamideh Bashiri**, Azadeh Aminzadeh, Masoume Nozari, Amirhossein Moslemizadeh*, Seyyed Sajjad Vakili, Manzume Shamsi Meymandi, Gholamreza Seperi, " Effects of resveratrol on anxiety-like behaviors in autism-like disorders in the elevated plus maze test in rats", 23th Iranian Congress of Physiology & Pharmacology, Chabahal, Iran, 2018.
3. **Hamideh Bashiri**, Azadeh Aminzadeh, Masoume Nozari, Amirhossein Moslemizadeh*, Seyyed Sajjad Vakili, Manzume Shamsi Meymandi, Gholamreza Seperi, "The impact of resveratrol pretreatment on anxiety-like behaviors in valproic acid-induced autism in rats in the open field test ", 23th Iranian Congress of Physiology & Pharmacology, Chabahal, Iran, 2018.
4. **Hamideh Bashiri**, Nima Saeedi, Masoume Nozari, Azade Aminzade, Seyyed Sajjad Vakili, Amirhossein Moslemizadeh, " The effects of resveratrol on pain threshold in valproic acid-induced autism in rats in hot plate test", 6th basic and clinical neuroscience congress, 2016, Iran.
5. Mahtab Kalantari, Fatemeh Shool, **Hamideh Bashiri**, " Nicotin effects on rat tissue antioxidant defense system, 9th international congress of laboratory and clinic, 2017.
6. Fatemeh Shool, Mahtab Kalantari, **Hamideh Bashiri**, "Couple addicted to drug in Sirjan (1394)", 9th international congress of laboratory and clinic, 2017.
7. **Bashiri H**, Rezayof A, Sahebgharani M, Zarrindast MR, "The activation of basolateral amygdala α_2 -adrenoceptors reversed nicotine-induced anxiogenic-like behavior in rats", EBPS congress, Verona, Italy, 2015.

8. **Bashiri H**, Rezayof A, Sahebgharani M, Zarrindast MR, “Effect of α_2 -adrenoceptors of the amygdala in nicotine-induced anxiogenesis in rats”, Iranian Congress of Physiology and Pharmacology, Kashan, Iran, 2015.
9. Joukar S, Najafipour H, Dabiri S, Sheibani V, Esmaeili-Mahani S, Ghotbi P, **Bashiri H**, Amanollahi F, Joukar F, “Chronic co-administration of morphine and calcium channel antagonists ameliorate isoproterenol-induced myocardial injury in rats”, 1th National Seminar on the role of Basic Sciences on Health Promotion, Tehran, Iran, 2011.
10. Joukar S, **Bashiri H**, “Separate and combined effects of long-term black tea and nicotine on cardiovascular parameters and heart resistance to myocardial injury in rat”, Turkish FEPS Physiology Congress, Istanbul, 2011.
11. Joukar S, Najafipour H, **Bashiri H**, “The effect of long-term administration of black tea and nicotine on plasma lipid profile and antioxidant levels of heart tissue in rat”, 20th Iranian Congress of Physiology & Pharmacology, Hamadan, Iran, 2011.
12. Sheibani H, **Bashiri H**, “Biochemical changes of blood after using diet containing fatty acids in broiler chickens”, Tehran, Iran, 2009.
13. Kheirandish R, Sami M, **Bashiri H**, “Study on incidence and histopathological findings of pulmonary adenomatosis in kerman abbatoir”, The First Congress of Veterinary Laboratory Sciences, Tehran, Iran, 2009.
14. Kheirandish R, Akhtardanesh B, Azari O, **Bashiri H**, “A Case Report of Sebaceous Carcinoma on a terrier dog in Kerman, Iran”, ISAVA, Tehran, Iran, 2009.
15. Kheirandish R, Akhtardanesh B, Azari O, **Bashiri H**, “A Case Report of trichoblastoma on a male dog”, ISAVA, Tehran, Iran, 2009.
16. Kheirandish R, Akhtardanesh B, **Bashiri H**, “A case report of endometrial cystic hyperplasia and pseudopregnancy following incidence of luteoma in a house rabbit (*Oryctolagus cuniculus*)”, The First Congress of Veterinary Laboratory Sciences, Tehran, Iran, 2009.
17. Kheirandish R, Akhtardanesh B, **Bashiri H**, Jafari H, “A case report of lymphoma spontaneous in a house hamster (*Mesocricetus Auratus*)”, The First Congress of Veterinary Laboratory Sciences, Tehran, Iran, 2009.
18. **Bashiri H**, Daneshdoust Sh, Derakhshanfar A, “Aging”, Apashta, Kerman, Iran, 2009.

I. RESEARCH PROJECTS (More than 40 research projects, some of which have been mentioned, and the rest are available in the Pazhuhan system (<https://research.kmu.ac.ir/general/cartable.action#>) and the Neuroscience Research Center (<https://knrc.kmu.ac.ir/fa>) of Kerman University of Medical Sciences)

1. Aminizadeh S, **Bashiri H**, Park J, "Evaluation of the effect of MitoQ supplementation and endurance training on the gene and protein expression of TLR4/CREB/cFos and... pathways in c6-induced glioblastoma in rats", Kerman University of Medical Sciences, 2022.
2. Khaksari M, Shabani M, **Bashiri H**, Khaleghi M, Rajizade M, "Investigating the effects of estrogen on physical or psychological stress-induced learning and memory impairments,

explorative and anxiety-like behaviours in female rats", Kerman University of Medical Sciences, 2018.

3. **Bashiri H**, Shamsi meymandi M, Sepehri GH, Moslemi AH, Vakili S, "Study the effects of resveratrol on social deficits and anxiety-like behaviours in valproic acid-induced autism in rats", Kerman University of Medical Sciences, 2017.

4. Shamsi meymandi M, **Bashiri H**, Sepehri GH, Moslemi AH, Vakili S, "The study of the effect of pregabalin pretreatment in valproic acid-autism in rats", Kerman University of Medical Sciences, 2017.

5. Nozari M, Shabani M, **Bashiri H**, Ghotbi S, Kameshki H, "Investigation of the effect of berberine on anxiety-like behavior, motor and cognitive disorders induced by MK-801 in male and female rats", Kerman University of Medical Sciences, 2017.

6. Sahebgharani M, **Bashiri H**, Omid A, Ebrahimi-Ghiri M, "The effect of TRPV1 receptor and endocannabinoid system interaction in morphine-induced conditioned place preference in rats", Tehran University of Medical Sciences, 2015.

7. Sahebgharani M, **Bashiri H**, et al., "The effect of minocycline on morphine sensitivity and study on role of β -Arrestin, P-CREB and P-ERK in male wistar rats", Tehran University of Medical Sciences, 2015.

8. **Bashiri H**, Zarrindast MR, Rezayof A, Sahebgharani M, Tavangar S. M, Zarrindast MR. "Involvement of the basolateral amygdala α 2-adrenoceptors and study on role of P-CREB and c-Fos in nicotine-induced anxiogenesis in rats", Tehran University of Medical Sciences, 2014.

9. Joukar S, Najafipour H., **Bashiri H**, "The effect of concurrent chronic nicotine and black tea administration on plasma lipid profile and heart tissue antioxidants of rats with normal and ischemic heart", Kerman University of Medical Sciences, 2010.

10. Joukar S, **Bashiri H**, Sarvazad A, Dehghanian F, Joukar F, et al., "The effect of concurrent chronic nicotine and black tea administration on heart rate, blood pressure, heart contractility and resistance to ischemic condition in Rat", Kerman University of Medical Sciences, 2009.

11. Kheirandish R, Sami M, **Bashiri H**, "Evaluation of prevalence and pathologic finding of ovine pulmonary adenomatosis in kerman slaughterhouse", Shahid Bahonar University of Kerman, 2008.

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19.

J. TRAINING WORKSHOPS

- Western Blotting, Tehran University of Medical Sciences, 2016.

- Immunostaining IFC & IHC in biological studies, Tehran University of Medical Sciences, 2015.

- Brain Training Workshop (focused on the Basal Ganglia), Tehran University of Medical Sciences, 2015.
- Laboratory models of neuropathic pain, Shahid Beheshti University of Medical Sciences, 2015.
- Acute and chronic inflammatory pain models, Shahid Beheshti University of Medical Sciences, 2015.
- Human Brain Dissection, Third Basic and Clinical Neurosciences Congress, 2014.
- Research methodology, Tehran University of Medical Sciences, 2014.
- Real time analysis, Tehran University of Medical Sciences, 2014.
- Cellular and molecular biology skills (PCR, Bioinformatic tools for PCR primer design, cloning and genetic engineering, Cell culture, Real Time PCR, Gene transformation), Tehran University of Medical Sciences, 2014.
- Statistical analysis and SPSS, Tehran University of Medical Sciences, 2014.
- Search in TUMS, Tehran University of Medical Sciences, 2014.
- Endnote, Tehran University of Medical Sciences, 2014.
- Teaching methods, Tehran University of Medical Sciences, 2014.
- Proposal and article writing, Tehran University of Medical Sciences, 2014.

K. ATTENDANCE IN INTERNATIONAL AND NATIONAL CONGRESS

- The 5th Basic and Clinical Neuroscience Congress, Tehran, Iran, December 7-9, 2016.
- The 22th Iranian Congress of Physiology and Pharmacology, Kashan, Iran, September 7-10, 2015.
- The 3rd Basic and Clinical Neuroscience Congress, Tehran, Iran, October 29-31, 2014.
- The First National Congress of Laboratory Sciences of Veterinary, Tehran, Iran, January 30, 2010.
- The 19th Iranian Congress of Physiology and Pharmacology, Tehran, Iran, November 3-6, 2009.
- The 2nd International Symposium of Veterinary Surgery and 7th Iranian Symposium of Veterinary Surgery, Anesthesia and Radiology, Kerman, Iran, April 21-24, 2008.
- The First International Congress of Veterinary Pharmacology & Pharmaceutical Sciences, October 4-5, 2008, Tehran, Iran.
- The First International Congress of Food Hygiene, Tehran, Iran, April 25-26, 2009.
- The 4th Iranian Small Animal Veterinary Association (ISAVA), Tehran, Iran, August 11, 2008.

L. PROFESSIONAL EXPERIENCE

Technical Director of Aria Pharmaceutical Company, Sirjan, Kerman, Iran, 2009-11.

M. MEMBERSHIP OF SOCIETIES

- Member of Iranian Physiology and Pharmacology society since 2009.
- Member of Iranian neuroscience society since 2014.

N. TECHNICAL SKILLS:

- Stereotaxic surgery
- Glioblastoma induction
- Bile duct ligation (cirrhosis induction)
- Animal behavioural testing techniques:
 - ✓ Learning and memory tests (Passive and active avoidance, Morris water maze,...)
 - ✓ Anxiety tests (Open field, Elevated Plus Maze, Light/dark box)

- ✓ Conditioned Place Preference test
 - ✓ Social interaction test
 - ✓ Rotarod
- Enzyme-Linked Immunosorbent Assay (ELISA)
- Immunohistochemistry (focused on the Amygdala, Ventral Tegmental Area, Nucleus Accumbens, Hippocampus)
- Transcardial perfusion
- Western blot
- PCR
- Powerlab
- SPSS software
- Graphpad Prism software
- Sigmaplot software
- Endnote software
- Microsoft office

