



In the name of God

CURRICULUM VITAE (Last updated May, 2026) **Alireza Raji-Amirhasani Bsc, Msc, PhD**

1- Personality:

Born: KERMAN

Citizenship: Iranian

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2- Academic training

Bsc in operating room, Kerman University of medical sciences, kerman, Iran, 2012.

Msc in medical Physiology, Kerman University of medical sciences, kerman, Iran, 2016.

Ph.D in medical Physiology, Kerman University of medical sciences, kerman, Iran, 2021.

3- University employment: Assistant Professor of physiology, Sirjan School of Medical Sciences, Sirjan, Iran.

4- Research itemes:

1- The effect of blood flow restriction training on cardiovascular system

2- The effect of honey on wound healing

3- The role of sex hormones on inflammation

4- Dietary regimens and acute kidney injury

5- Publications:

1. Eslami M, **Raji-Amirhasani A**, Khaksari M, Keshavarzi Z, Rostamzadeh F, Sabet N, Jafari E, Soltani Z, Karamouzian S. The changes of digestive system inflammatory, oxidative stress, and histopathology factors following oral mesenchymal stem cells administration in rats with traumatic brain injury. *BMC neuroscience*. 2025 Mar 6;26(1):20.
2. Khaksari M, Shahryari M, **Raji-Amirhasani A**, Soltani Z, Bibak B, Keshavarzi Z, Shakeri F. Aloe vera Leaf Extract Reduced BBB Permeability and Improved Neurological Results after Traumatic Brain Injury: The Role of Oxidative Stress. *Oxidative Medicine and Cellular Longevity*. 2024;2024(1):5586814.
3. Darvishzadeh Mahani F, **Raji-Amirhasani A**, Khaksari M, Mousavi MS, Bashiri H, Hajializadeh Z, Alavi SS. Caloric and time restriction diets improve acute kidney injury in experimental menopausal rats: role of silent information regulator 2 homolog 1 and transforming growth factor beta 1. *Molecular Biology Reports*. 2024;51(1):812.
4. Enhesari A, Ahmadi B, Heidari Z, **Raji-Amirhasani A**, Zaherara M. Evaluation of endothelial dysfunction via flow-mediated dilation (FMD) in patients with inflammatory bowel disease (IBD) referring to medical centers in Kerman. *Journal of Kerman University of Medical Sciences*. 2024;31(2):55-9.
5. Karimi F, Nejati B, Rahimi F, Alivirdiloo V, Alipourfard I, Aghighi A, **Raji-Amirhasani A**, Eslami M, Babaeizad A, Ghazi F. A state-of-the-art review on the recent advances of mesenchymal stem cell therapeutic application in systematic lupus erythematosus. *Immunological Investigations*. 2024;53(2):160-84.
6. Hajializadeh Z, Khaksari M, Dabiri S, Darvishzadeh Mahani F, **Raji-Amirhasani A**, Bejeshk MA. Protective effects of calorie restriction and 17- β estradiol on cardiac hypertrophy in ovariectomized obese rats. *PLOS ONE*. 2023;18(4):e0282089.
7. **Raji-Amirhasani A**, Khaksari M, Soltani Z, Saberi S, Iranpour M, Darvishzadeh Mahani F, et al. Beneficial effects of time and energy restriction diets on the development of experimental acute kidney injury in Rat: Bax/Bcl-2 and histopathological evaluation. *BMC nephrology*. 2023;24(1):59.
8. Sabet N, Soltani Z, Khaksari M, Iranpour M, Afshar RM, Mehdiabadi FM, **Raji-Amirhasani A**. The effect of two types of diet on apoptosis indexes, lipid profile and histopathological outcome in acute kidney injury during exercise. *BMC nephrology*. 2022;23(1):1-15.
9. Sabet N, Soltani Z, Khaksari M, **Raji-Amirhasani A**. The effects of two different dietary regimens during exercise on outcome of experimental acute kidney injury. *Journal of Inflammation*. 2022;19(1):1-14.
10. **Raji-Amirhasani A**, Khaksari M, Soltani Z, Saberi S, Iranpour M, Mahani FD, et al. Beneficial Effects of Time and Calorie Restriction Diets on the Development of Experimental Acute Kidney Injury in Rat: Bax/Bcl-2 and Histopathological Evaluation. 2022.

11. Khaksari M, **Raji-Amirhasani A**, Bashiri H, Ebrahimi MN, Azizian H. Protective effects of combining SERMs with estrogen on metabolic parameters in postmenopausal diabetic cardiovascular dysfunction: The role of cytokines and angiotensin II. *Steroids*. 2022;183:109023.
12. **Raji-Amirhasani A**, Khaksari M, Shahrokhi N, Soltani Z, Nazari-Robati M, Mahani FD, et al. Comparison of the effects of different dietary regimens on susceptibility to experimental acute kidney injury: The roles of SIRT1 and TGF- β 1. *Nutrition*. 2022;96:111588.
13. Hajializadeh Z, Khaksari M, Najafipour H, Sanjari M, Mahani FD, **Raji-Amirhasani A**. Substitution of calorie restriction for protective effects of estrogen on cardiometabolic risk factors and oxidative stress in obese postmenopausal rat model. *Life Sciences*. 2022;294:120367.
14. Mahani FD, Khaksari M, Iranpour M, Soltani Z, **Raji-Amirhasani A**, Hajializadeh Z. Effects of caloric and time restriction diets on kidney health in rat model of postmenopausal acute kidney injury: An apoptosis and histopathological study. *Iranian Journal of Basic Medical Sciences*. 2022;25(3):390.
15. Darvishzadeh Mahani F, Khaksari M, **Raji-Amirhasani A**. Renoprotective effects of estrogen on acute kidney injury: the role of SIRT1. *International Urology and Nephrology*. 2021;53(11):2299-310.
16. **Raji-Amirhasani A**, Khaksari M, Darvishzadeh Mahani F, Hajializadeh Z. Activators of SIRT1 in the kidney and protective effects of SIRT1 during acute kidney injury (AKI)(effect of SIRT1 activators on acute kidney injury). *Clinical and Experimental Nephrology*. 2021;25(8):807-21.
17. Ebrahimi MN, Khaksari M, Sepehri G, Karam GA, **Raji-Amirhasani A**, Azizian H. The effects of alone and combination tamoxifen, raloxifene and estrogen on lipid profile and atherogenic index of ovariectomized type 2 diabetic rats. *Life Sciences*. 2020;263:118573.
18. Ahmadinejad M, Khaksarhaddad M, **Amirhasani AR**, AsadiShekari M, Ahmadipour M, Tahmaseby S. Compression of Efficacy of Topical Phenytoin, Honey and Combination of Honey with Triglyceride Tree Nitrate on Wound Healing in Rat. *Indian Journal of Forensic Medicine & Toxicology*. 2019;13(4).
19. Bejeshk M-A, Joukar S, Shahouzehi B, Asadi-shekari M, Rajizadeh M, **Raji-amirhasani A**, et al. Combinatorial effect of lower extremity blood flow restriction and low intensity endurance exercise on aorta of old male rats: Histomorphological and molecular approach. *Artery Research*. 2018;24:22-31.
20. Naderi-Boldaji V, Joukar S, Noorafshan A, **Raji-Amirhasani A**, Naderi-Boldaji S, Bejeshk M-a. The effect of blood flow restriction along with low-intensity exercise on cardiac structure and function in aging rat: Role of angiogenesis. *Life sciences*. 2018;209:202-9.
21. Najmedini M, Pour Seyedi B, Ahmadinejad M, Mohammad Reza Pourzare A, Mirkamandar E, **Raji Amir Hasani A**. Study of the effect of albumin correction in the outcome of multiple trauma patients admitted to the intensive care unit. *Journal of Jiroft University of Medical Sciences*. 2018;5(1):297-305.

22. Bahreinipour M-A, Joukar S, Hovanloo F, Najafipour H, Naderi V, **Rajiamirhasani A**, et al. Mild aerobic training with blood flow restriction increases the hypertrophy index and MuSK in both slow and fast muscles of old rats: Role of PGC-1 α . *Life sciences*. 2018;202:103-9.
23. **Raji-Amirhasani A**, Joukar S, Naderi-Boldaji V, Bejeshk M-A. Mild exercise along with limb blood-flow restriction modulates the electrocardiogram, angiotensin, and apelin receptors of the heart in aging rats. *Iranian Journal of Basic Medical Sciences*. 2018;21(6):558.
24. Khalili M, Ghazi Feruozsafari F, Naeimabadi A, Atashbar J, Ballar N, **Raji-Amirhasani A**, et al. Curcumin modulates the level of IL-17 and IL-10 cytokines in two models of experimental liver injury in male rats. *Journal of Kerman University of Medical Sciences*. 2018;25(2):104-17.

PAPER IN INTERNATIONAL AND NATIONAL CONGRESS:

- 1- Comparative Effects of Calorie Restriction and Time-Restricted Feeding on Reducing Hepatic Inflammation in Aged Rat. **Mohammad Khaksari, Alireza Raji-amirhasani**, 6nd International and 27rd Iranian Congress of Physiology and Pharmacology
- 2- Beneficial Effects of some dietary regimens on the Experimental Acute Kidney Injury in Rat: Oxidative stress and Apoptosis Evaluation. **Alireza Raji-Amirhasani***, Mohammad Khaksari, Zahra Soltani, Fatemeh Darvishzadeh Mahani, Zahra Hajializadeh, Ehsan Mirkamandar, 5nd International and 26rd Iranian Congress of Physiology and Pharmacology
- 3- Improving Renal Histopathology with Time-Restricted Dietary Pattern: Insights from an Acute Kidney Injury in Rat Model. **Alireza Raji-Amirhasani**, 5nd International and 26rd Iranian Congress of Physiology and Pharmacology
- 4- Beneficial effects of two dietary programs on kidney health in postmenopausal acute kidney injury: apoptosis and histopathological study. **Alireza Raji-Amirhasani**, 5nd International and 26rd Iranian Congress of Physiology and Pharmacology
- 5- Histopathological Assessment of Kidney Health: Unveiling the Benefits of Energy Restriction Diet in Acute Kidney Injury. **Alireza Raji-Amirhasani**, 5nd International and 26rd Iranian Congress of Physiology and Pharmacology
- 6- Time-Restricted Eating: A Therapeutic Approach for Acute Kidney Injury. **Alireza Raji-Amirhasani**, 5nd International and 26rd Iranian Congress of Physiology and Pharmacology
- 7- Protective Effects of Energy Restriction Diet on Renal Function and Apoptotic Molecules in Acute Kidney Injury. **Alireza Raji-Amirhasani**,

5nd International and 26rd Iranian Congress of Physiology and Pharmacology

- 8- The effect of limb blood flow restriction and endurance exercise on histological indices, angiotensin II and apelin reseptors in aorta of old male rats Mohammad Abbas Bejeshk * , Siyavash Joukar , mohammad amin rajizadeh , Vida Naderi , **Alireza Raji-amirhasani**, 2nd International and 23rd Iranian Congress of Physiology and Pharmacology
- 9- Mild exercise along with limb-blood flow restriction modulates the electrocardiogram, angiotensin and apelin receptors of heart in aging rats **Alireza Raji-Amirhasani** * , Mr siyavash Joukar , Mrs vida naderi , Mr mohamad abbas bejeshk, 2nd International and 23rd Iranian Congress of Physiology and Pharmacology
- 10- Effects of combined administration of estrogen and progesterone on traumatic brain injury in female and male rats Ladan Amirkhosravi^{1, 2} , Mohammad Khaksari¹ , Ali Siahposht , Gholamreza Asadi , Nader Shahrokhi¹, **Alireza Raji**, 1st International and 22rd Iranian Congress of Physiology and Pharmacology
- 11- CSF NGF/IL-6 Ratio: a Useful Marker for the Evaluation of Progesterone Efficacy in Traumatic Brain Injury Sara Shiraz Pour, Mohammad Khaksari, Neda Salmani, Zahra Soltany, **Alireza Raji**, The Neuroscience Journal of Shefaye Khatam, 2017, Volume 5, No. 2, Suppl 2
- 12- Investigation the effects of honey and nitroglycerin on wound healing in male rats **Alireza Raji-amirhasani** , Mohammad Khaksari hadad , Mehdi Ahmadinejad , Ehsan Mirkamandar, 24th Iranian 3rd International Congress of Physiology and Pharmacology
- 13- The Effects of Calorie Restriction on Blood Pressure in Ovariectomized Rats Fed a High-Fat Diet Zahra Hajializadeh , Mohammad Khaksari, Fatemeh Darvishzadeh Mahani , **Alireza Raji-Amirhasani**, 25th Iranian 4th International Congress of Physiology and Pharmacology
- 14- Protective Effects of Some Dietary Regimens on Acute Kidney Injury: The Role of Oxidative Stress **Alireza Raji-amirhasani** , Mohammad Khaksari , Fatemeh Darvishzadeh Mahani , Zahra Hajializadeh, 25th Iranian 4th International Congress of Physiology and Pharmacology
- 15- Renoprotective Effects of Dietary Programs on Acute Kidney Injury in Female Rats: The Role of Stress Oxidative Fatemeh Darvishzadeh mahani , Mohammad Khaksari , **Alireza Raji-Amirhasani** , Zahra Hajializadeh, 25th Iranian 4th International Congress of Physiology and Pharmacology

16- The beneficial effects of two diets program on kidney health in rat model of postmenopausal acute kidney injury: Bax/Bcl2 and histopathological study, Fatemeh Darvishzadeh Mahani, Mohammad Khaksari, **Alireza Raji-amirhasani**, Zahra Hajializadeh, the 13th International Congress on Endocrine Disorders

6- Honours/Awards:

Grade A in Bsc, Msc and PhD course
The best student in the master's course
The first rank of the PhD comprehensive exam
Member of brilliant talents

7- Executive Post:

Director of Education of the Vice-Chancellor of Education, Kerman University of Medical Sciences
Administrative Manager, Sirjan School of Medical Sciences

8- Teaching experience:

Teaching medical physiology for medical subgroup students

9- Skills:

Lab: General lab skills, Working with human subject, Animal work, Stereotaxic surgery, Bile duct ligation (cirrhosis induction), Animal behavioral testing techniques, Enzyme-Linked Immunosorbent Assay (ELISA), Immunohistochemistry, Western blot, PCR, Powerlab

Computer: Microsoft Windows, Microsoft Office (Word, Power point, Excel), Endnote, SPSS, Graph Pad Prism

10- Membership of the Society:

Member of Iranian Physiology and Pharmacology society