

REZA ESHRAGHI

DOB: February 16th, 1998 | **Division of Cardiovascular Disease, Social Determinants of Health Research Center, University of Isfahan, Iran.** Address: Hezarjrib avenue, JM76+5M3, Isfahan, Iran.
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Summary

Driven by my deep interest in cardiology, I have spent the past three years immersing myself in the world of research, focusing particularly on cardiovascular studies. During this time, I have not only published more than 40 research articles, ranging from basic science to clinical studies, along with several review articles in the cardiovascular field, but also I made every effort to expand my clinical as well as statistical skills. These publications reflect my commitment to advancing our understanding of cardiology and my ability to contribute to both basic and clinical research. As a licensed medical doctor, I am eager to bridge the gap between scientific discoveries and clinical applications in the field of cardiovascular disease.

WORK EXPERIENCE

Clinical Research Fellow, Social Determinants of Health Research Center, University of Isfahan, Iran

Oct 2024 - Present

- Participated in clinical trials and observational studies for patients' recruitment, data gathering, statistical analysis, writing protocols, and follow-up visits
- Wrote manuscripts including systematic reviews and meta-analysis
- Led medical students and other researchers in the multidisciplinary team
- Practiced medicine & visited patients for non-research purpose

Kashan University of Medical Sciences, Isfahan, Iran

Sep 2016- May 2024

Led the multidisciplinary research team in various basic science, translational, and clinical studies. Published more than 20 peer-reviewed original and review articles. Designed studies, wrote protocols, recruited patients and collected data, data analysis, performed manuscript. Was a member of the student research committee and voluntarily conducted several educational courses on medical research skills, including scientific writing, idea generation and brainstorming, research methodology, study design and proposal writing, and "How to Run a Systematic Review and Meta Analysis: From Start to Finish".

EDUCATION

Medicine Doctorate (MD), Kashan University of Medical Sciences, Kashan, Iran.

Sep 2016- May 2024

- Thesis: Assessment of the learning needs of patients with coronary heart disease and their relatives in Kashan.
- Research projects with small grants:
 1. Evaluation of the effect of donated plasma of COVID-19 recovering individuals on clinical and laboratory symptoms and outcomes of critically ill coronary patients referred to Kashan Shahid Beheshti Hospital.
 2. Assessment of the relationship between non-dipper blood pressure and the amount of albuminuria and cardiovascular complications.
 3. Evaluation of Expression pattern of cellular miRNAs (let-7b, miR-29a, miR-126, miR 34a, miR-181a-5p) and IL-6, TNF- α , and TGF-B factors in patients with Pseudoexfoliation syndrome.
 4. Study of the anti- tumor effects of silymarin alone and in combination with standard drug on cell culture model of liver cancer cells.
 5. Development of new electrochemical sensor-based monohybrids molybdat/vanadat for determination of dopamine

Medical Intern, Isfahan and Kashan University of Medical Sciences, Isfahan Iran.

Mar 2022 - Sep 2023

Rotations: Completed rotations in Internal Medicine, Oncology & hematology, General Surgery, Pediatrics, OBGYN, Emergency Medicine, Infectious Diseases, Cardiology, Urology, Ophthalmology, Orthopedics, ENT, Neurology, Psychiatry, and Public Health at Shahid Beheshti, Matini, Naghavi, and Amin hospitals.

FIRST COMPREHENSIVE RESEARCH COURSE, Tehran University of Medical Sciences, Kish International Campus

First comprehensive research course for doctors. General topics and skills of the comprehensive course: essential topics in research methodology (idea generation, types of studies, the advanced search of articles, databases, research errors, information gathering, research design, etc.), choosing an original study topic and writing a proposal, model design, tool selection, topic selection, and systematic review design and implementation, qualitative studies, paper presentation skills in international congresses, statistical analysis, and essay writing. Certificate ID: 1400/11/21/283

ALL PUBLISHED MANUSCRIPTS

1. Arani, S.S., M. Nejati, S. Rastgoufar, A. Raisi, **R. Eshraghi**, A. Ostadian, A.H. Matini, N. Rahimain, and H. Mirzaei, Evaluation of expression level of BANCER, MALAT1 and FER1L4 and their target genes in coumarin-treated AGS cell line. *Pathology-Research and Practice*, 2024. 257: p. 155291.
- * 2. Bahrami, A., A. Khalaji, M. Bahri Najafi, S. Sadati, A. Raisi, A. Abolhassani, **R. Eshraghi**, M. Khaksary Mahabady, N. Rahimian, and H. Mirzaei, NF- κ B pathway and angiogenesis: insights into colorectal cancer development and therapeutic targets. *European Journal of Medical Research*, 2024. 29(1): p. 610.
3. Banasaz, B., R. Zamzam, D. Aghadoost, K. Golabchi, M. Morshedi, M. Bayat, J.S. Nahand, A. Sheida, **R. Eshraghi**, and Z. Rahimzadeh, Evaluation of expression pattern of cellular miRNAs (let-7b, miR-29a, miR-126, miR-34a, miR-181a-5p) and IL-6, TNF α , and TGF- β in patients with pseudoexfoliation syndrome. *Pathology-Research and Practice*, 2023. 249: p. 154721.
- * 4. **Eshraghi, R.**, A. Bahrami, M. Karimi Houyeh, and M. Nasr Azadani, JN. 1 and the ongoing battle: unpacking the characteristics of a new dominant COVID-19 variant. *Pathogens and Global Health*, 2024: p. 1-6.
- * 5. **Eshraghi, R.**, M. Rafiei, Z.H. Jazi, D. Shafie, A. Raisi, and H. Mirzaei, MicroRNA 155 and exosomal microRNA-155: Small pieces in the cardiovascular diseases puzzle. *Pathology-Research and Practice*, 2024: p. 155274.
6. **Eshraghi, R.**, S. Sadati, A. Bahrami, S.R. Mirjalili, A. Farrokhian, M. Mahjoubin Tehran, and H. Mirzaei, Unveiling the role of long non-coding RNA MALAT1: a comprehensive review on myocardial infarction. *Frontiers in cardiovascular medicine*, 2024. 11: p. 1429858.
7. **Eshraghi, R.**, D. Shafie, A. Raisi, P. Goleij, and H. Mirzaei, Circular RNAs: a small piece in the heart failure puzzle. *Functional & Integrative Genomics*, 2024. 24(3): p. 102.
8. Fathi, M., **R. Eshraghi**, S. Behzad, A. Tavasol, A. Bahrami, A. Tafazolimoghadam, V. Bhatt, D. Ghadimi, and A. Gholamrezanezhad, Potential strength and weakness of artificial intelligence integration in emergency radiology: A review of diagnostic utilizations and applications in patient care optimization. *Emergency Radiology*, 2024: p. 1-15.
9. Fathi, M., H.J. Taher, S.J. Al-Rubiae, S. Yaghoobpoor, A. Bahrami, **R. Eshraghi**, H. Sadri, M.A. Anar, and A. Gholamrezanezhad, Role of molecular imaging in prognosis, diagnosis, and treatment of gastrointestinal cancers: An update on new therapeutic methods. *World Journal of Methodology*, 2024. 14(4): p. 93461.
10. Fathi, M., K. Vakili, R. Hajibeygi, A. Bahrami, S. Behzad, A. Tafazolimoghadam, H. Aghabozorgi, **R. Eshraghi**, V. Bhatt, and A. Gholamrezanezhad, Cultivating diagnostic clarity: The importance of reporting artificial intelligence confidence levels in radiologic diagnoses. *Clinical Imaging*, 2024: p. 110356.
11. Hashemian, S.M., B. Khoundabi, A. Bahrami, H. Jamaati, M. Varahram, L. Saljoughi, P. Rahimi, and **R. Eshraghi**, Abstract ASM 4th Congress on Mycobacteriology. 2024.
- * 12. Hashemian, S.M., B. Khoundabi, A. Bahrami, H. Jamaati, M. Varahram, L. Saljoughi, P. Rahimi, and **R. Eshraghi**, Optimal Positive End-expiratory Pressure Levels in Tuberculosis-associated Acute Respiratory Distress Syndrome. *The International Journal of Mycobacteriology*, 2024. 13(3): p. 247-51
- * 13. Hashemian, S.M., B. Khoundabi, H. Jamaati, M. Sadr, H. Safdari, F. ALL PUBLISHED MANUSCRIPTS Rashidi, M. Varahram, N. Noraei, A. Bahrami, and **R. Eshraghi**, Correlation between Cardiac Output and Disease Severity in Intubated COVID-19 Patients: Insights from Ultrasonic Cardiac Output Monitoring in Intensive Care Unit Settings. *Biomedical and Biotechnology Research Journal (BBRJ)*, 2024. 8(2): p. 213-7.
14. Hedayati, N., A. Yaghoobi, M. Salami, Y. Gholinezhad, F. Aghadavood, **R. Eshraghi**, M.-H. Aarabi, M. Homayoonfal, Z. Asemi, and H. Mirzaei, Impact of polyphenols on heart failure and cardiac hypertrophy: Clinical effects and molecular mechanisms. *Frontiers in Cardiovascular Medicine*, 2023. 10: p. 1174816.
15. Heidarpour, M., D. Shafie, **R. Eshraghi**, S.R. Mirjalili, A. Bahrami, and M.R. Movahed, Adrenal crisis-induced cardiogenic shock (ACCS): a comprehensive review. *Heart Failure Reviews*, 2024: p. 1-20.

* As corresponding author

16. Malehmir, S., A. Abedini, A. Sobhani-Nasab, **R. Eshraghi**, M. Akbari, A. Atapour, and A.M. Hasan-Abad, A review of biogenic routes for the manufacture of manganese oxide nanostructures and its anti-cancer, drug delivery, anti-bacterial, and bioimaging potentialsmanrathanami. *Inorganic Chemistry Communications*, 2023: p. 111306.
17. Mirjalili, S.R., S. Soltani, Z.H. Meybodi, P. Marques-Vidal, D.D. Firouzabadi, **R. Eshraghi**, D. Restrepo, H. Ghoshouni, and M. Sarebanhassanabadi, Which surrogate insulin resistance indices best predict coronary artery disease? A machine learning approach. *Cardiovascular Diabetology*, 2024. 23(1): p. 1-13.
18. Momeni, Z., S. Danesh, M. Ahmadpour, **R. Eshraghi**, T. Farkhondeh, M.H. Pourhanifeh, and S. Samarghandian, Protective roles and therapeutic effects of gallic acid in the treatment of cardiovascular diseases: current trends and future directions. *Current Medicinal Chemistry*, 2024. 31(24): p. 3733-51.
19. Sharifi, G., R. Hajibeygi, S.A.M. Zamani, A.M. Easa, A. Bahrami, **R. Eshraghi**, M. Moafi, M.J. Ebrahimi, M. Fathi, and A. Mirjafari, Diagnostic performance of neural network algorithms in skull fracture detection on CT scans: a systematic review and meta-analysis. *Emergency Radiology*, 2024: p. 1-15.
20. Sobhaninasab, A., A. Ghaderi, H.R. Banafshe, M. Bakhshi, E. Sohoul, **R. Eshraghi**, A. Moradi Hasan-Abad, and M. Rahimi-Nasrabadi, New Synthesis and Characterization of NiMoO₄/Mn (VO₃)₂ Heterostructures for Electrochemical Detection of Dopamine. *Analytical and Bioanalytical Electrochemistry*, 2023. 15(6): p. 506-15.
- * 21. Taba, M.M., **R. Eshraghi**, M.Z. Tutestani, S.A. Moraveji, M. Sehat, and H.R. Banafshe, Evaluating convalescent plasma therapy in severe COVID-19: a retrospective cohort study. *The Journal of Infection in Developing Countries*, 2024. 18(12.1): p. S381 S6.
22. Tahmasbi, B., **R. Eshraghi**, M. Amini-Tehrani, H. Zamanian, and A. Ilami, Polycystic ovarian syndrome elevates the distress of sexual pain in Iranian women with infertility. *BMC Women's Health*, 2024. 24(1): p. 1-9.
23. Yaghoobpoor, S., M. Fathi, H.J. Taher, A.J. Farhood, A. Bahrami, **R. Eshraghi**, **R. Hajibeygi**, Z. Tutunchian, L. Myers, and R. Ahmadi, Computed tomography pulmonary angiography (CTPA) for the detection of pulmonary embolism (PE) among trauma patients: a systematic review and meta-analysis. *Emergency Radiology*, 2024: p. 1-14
24. Amani-Beni, R., Darouei, B., Rad, M. R., Dabaghi, G. G., **Eshraghi, R.**, Bahrami, A., ... & Movahed, M. R. (2025). Perioperative Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement with Concomitant Mitral Regurgitation: A Meta-Analysis. *Cardiology in Review*, 10-1097.
25. Movahed, M. R., Bahrami, A., & **Eshraghi, R.** (2025). Gender specific echocardiographic prevalence of valvular stenosis and regurgitations in a large inpatient database of 24,265 patients. *American Journal of Cardiovascular Disease*, 15(1), 21.
- * 26. Soleimani, H., Sattartabar, B., Parastooei, B., **Eshraghi, R.**, Nazari, R., Najdaghi, S., ... & Hosseini, K. (2025). Renal Denervation Effects on Blood Pressure in Resistant and Uncontrolled Hypertension: A Meta-Analysis of Sham-Controlled Randomized Clinical Trials. *Clinical Cardiology*, 48(3), e70104.
27. Darouei, B., Amani-Beni, R., Rabiee Rad, M., Ghasempour Dabaghi, G., **Eshraghi, R.**, Bahrami, A., ... & Movahed, M. R. (2025). The Impact of Concomitant Mitral Regurgitation on Echocardiography Parameters After TransCatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis. *Catheterization and Cardiovascular Interventions*.
28. Movahed, M. R., Bahrami, A., & **Eshraghi, R.** (2025). Significant deviation between reported wedge pressure and diastolic pulmonary arterial pressure found during right heart catheterization in patients undergoing cardiac transplant evaluation. *American Journal of Cardiovascular Disease*, 15(2), 100.
29. Mahalleh, M., Narimani-Javid, R., Izadpanahi, K., **Eshraghi, R.**, Behboodi, K., Afzalian, A., ... & Hosseini, K. (2025). Hearts apart: exploring sex disparity in the global and regional burden of ischemic heart disease; a systematic analysis from the global burden of disease study 1990–2021. *BMC cardiovascular disorders*, 25(1), 346.
30. **Eshraghi, R.**, Bahrami, A., Iravanlou, F. T., Karimi, M., Soleimani, M. S., Paknahad, M. H., ... & Pourhanifeh, M. H. (2025). Cardioprotective and Anti-Hypertensive Effects of Epigallocatechin Gallate: Novel Insights Into Biological Evidence. *The Journal of Clinical Hypertension*, 27(6), e70036.

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- * 31. Sadati, S., Khalaji, A., Bonyad, A., Khoshdooz, S., Hosseini Kolbadi, K. S., Bahrami, A. **R. Eshraghi**, ... & Mirzaei, H. (2025). NF- κ B and apoptosis: colorectal cancer progression and novel strategies for treatment. *European Journal of Medical Research*, 30(1), 616.
32. Shishesaz, M. I., **Eshraghi, R.**, Bahrami, A., Farzan, M., Farzan, M., Hajibeygi, R., ... & Movahed, M. R. (2025). The effectiveness and side effects of anti-coagulant drugs in pregnant women with mechanical or bio-prosthetic heart valves: A systematic review and Meta-analysis study. *Journal of Cardiology*.
33. **Eshraghi, R.**, sepehr Yazdani, M., Bahrami, A., Amani-Beni, R., Darouei, B., Mokhtari, M., & Hashemian, S. M. (2025). Advanced Neuromonitoring Techniques for Medical and Neurological ICU Patients. *Brain Research Bulletin*, 111513.
34. Ebrahimi, P., Namazi, M. J., Rezasoltani, M., Moradi, A., Montazeri Namin, S., **Eshraghi, R.**, ... & Shahid, F. (2025). Abstract TH163: Persistence of Blood Pressure Reduction Following Renal Denervation Across Short, Medium, and Long Term Follow-Up. *Hypertension*, 82(Suppl_1).
35. Sharifi, M., Nekoeian, S., **Eshraghi, R.**, Behzadi, E., & Rajabi, A. (2025). The roles of non-coding RNAs (ncRNAs) in the function of leukemic stem cells (LSCs): a comprehensive review. *Discover Oncology*, 16(1), 1617.
36. Amani-Beni, R., Darouei, B., Kakavand, N., **Eshraghi, R.**, Seifnezhad, A., Movahed, M. R., & Omid, A. (2025). A systematic review of eye-tracking technology in electrocardiogram interpretation research. *European Journal of Medical Research*.
37. Moeinfar, M. S., Morshedi, M., Keyhani, A., Moosavi, S. S. A., Kaikavoosnejad, F., Rafiyan, M., ... & Mirzaei, H. (2025). Regulatory roles of non-coding and exosomal RNAs in colorectal cancer: spotlight on angiogenesis. *Clinical and Experimental Medicine*.
38. Mirjalili, S. R., Razmpoosh, E., **Eshraghi, R.**, Ashoori, M., & Soltani, S. (2025). Comparative Efficacy of Radioiodine Therapy With Adjunctive Thionamides vs Either Treatment Alone in the Management of Graves Disease: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *The Journal of Clinical Endocrinology & Metabolism*, dgaf580.
39. **Eshraghi, R.**, Ghadimi, D. J., Montazerinamin, S., Bahrami, A., Kachela, Y., Rezasoltani, M., ... & Hosseini, K. (2025). Effects of glucagon-like peptide-1 receptor agonists on alcohol consumption: a systematic review and meta-analysis. *EClinicalMedicine*, 90.
40. Darouei, B., Amani-Beni, R., Kakavand, N., Seifnezhad, A., Mazaheri-Tehrani, S., Shekarian, A., ... & Umpierrez, G. (2025). The prognostic role of glycemic variability in predicting the risk of adverse cardiovascular events in patients with cardiovascular diseases: a meta-analysis. *Diabetology & Metabolic Syndrome*.
41. Rezaei, N., Zivari, M., Kazemi, M., Alani, B., Nouredдини, M., Rafiyan, M., ... & Mirzaei, H. (2025). Non-coding RNAs in Parkinson's Disease: Pathogenesis, Exosomes, and Therapeutic Horizons. *Cellular and Molecular Neurobiology*.
42. Khanjani, S., Goodarzi, S. B., Khaleghi, M. M., Moosavi, S. S. A., **Eshraghi, R.**, Meigoli, M. S., ... & Bahrami, A. (2025). The effects of progesterone supplementation in pregnancies assessed by doppler ultrasound: a systematic review of maternal and perinatal outcomes. *European Journal of Medical Research*, 30(1), 1105.

Accepted Congress Abstracts

A) TCT 2025 congress

1. **Eshraghi, R.**, Karimi, E., Ebrahimi, P., Darouei, B., Amani-Beni, R., Bahrami, A., ... & Movahed, M. R. (2025). TCT-789 Efficacy and Safety of Coronary Sinus Reducer Implantation in Refractory Angina: A Systematic Review and Meta-Analysis. CSR implantation reduces angina severity and quality of life while maintaining low complication rates. *Journal of the American College of Cardiology*, 86(17_Supplement), B343-B344.
2. Amani-Beni, R., Bahrami, A., Dabaghi, G. G., Rad, M. R., Darouei, B., **Eshraghi, R.**, ... & Movahed, M. R. (2025). TCT-1189 The Impact of Concomitant Mitral Regurgitation on Cardiovascular Events

and Mortality After Transcatheter Aortic Valve Replacement: A Systematic Review and Meta-Analysis. *Journal of the American College of Cardiology*, 86(17_Supplement), B508-B508.

3. Darouei, B., Amani-Beni, R., Rad, M. R., Dabaghi, G. G., Eshraghi, R., Bahrami, A., ... & Movahed, M. R. (2025). TCT-1188 Patients With Moderate-to-Severe Baseline MR Before TAVR Showed Greater Pronounced Improvements in Specific Echocardiographic Parameters Related to LV Function and Geometry After TAVR: A Systematic Review and Meta-Analysis. *Journal of the American College of Cardiology*, 86(17_Supplement), B507-B508.

4. Riyahi, A., Bahrami, A., **Eshraghi, R.**, Ebrahimi, P., Tavasol, A., Yazdani, M. S., ... & Movahed, M. R. (2025). TCT-247 A Systematic Review and Meta-Analysis of Impella Versus IABP in Myocardial Infarction-Related Cardiogenic Shock Revealed Significantly Higher Mortality With the Use of Impella. *Journal of the American College of Cardiology*, 86(17_Supplement), B108-B108.

5. Amani-Beni, R., Darouei, B., Rad, M. R., Dabaghi, G. G., **Eshraghi, R.**, Bahrami, A., ... & Movahed, M. R. (2025). TCT-1187 Perioperative Outcomes in Patients Undergoing Transcatheter Aortic Valve Replacement With Concomitant Mitral Regurgitation Revealing Improving Mitral Regurgitation: A Meta-Analysis. *Journal of the American College of Cardiology*, 86(17_Supplement), B507-B507.

6. Ebrahimi, P., Ramezani, P., Namin, S. M., Namazi, M. J., Ahmed, R., Rezasoltani, M., ... & Shahid, F. (2025). TCT-640 Diabetes, Glucose Dysregulation, and Inflammatory Biomarkers as Predictors of Mortality and Adverse Events Following Transcatheter Aortic Valve Implantation: A Systematic Review and Meta-analysis. *Journal of the American College of Cardiology*, 86(17_Supplement), B278-B279.

7. Ramezani, P., Soleimani, H., Ahmed, R., Akbari, T., Namin, S. M., Rezasoltani, M., ... & Shahid, F. (2025). TCT-85 Ultra-Low Contrast Versus Conventional PCI in Chronic Kidney Disease: A Systematic Review and Meta-Analysis. *Journal of the American College of Cardiology*, 86(17_Supplement), B40-B41.

8. **Eshraghi, R.**, Pirmoradian, P., Bahrami, A., Rafiei, N., Ebrahimi, P., Shahid, F., ... & Movahed, M. R. (2025). TCT-1219 Comparing Valve-in-Valve Versus Redo-Surgical Aortic Valve Replacement: A Systematic Review and Meta-Analysis of Propensity Score-Matched Studies: The ViV Procedure Revealed Lower In-Hospital Mortality and Reduced AF Risk Compared to Redo-SAVR. *Journal of the American College of Cardiology*, 86(17_Supplement), B523-B523.

B) ACC-Middle East 2025 Together With 16th Emirates Cardiac Society Conference (not indexed)

1- Cardiovascular and echocardiographic effects of glucagon-like peptide-1 receptor agonists in patients with heart failure: a meta-analysis of randomized clinical trials

2- Association of combined remnant cholesterol and LDL-C levels with cardiovascular outcomes: a meta-analysis

^{a*} 3- Time-dependent effects of renal denervation on resistant or uncontrolled hypertension: a meta-analysis of sham-controlled trials

4- Glycemic variability and risk of major adverse cardiovascular events in patients with cardiovascular disease: a systematic review and meta-analysis

C) Gulf Heart Association 17th Conference (not indexed)

^{a*} 1- Deep Learning Models for Automated Ischemic Scar and Myocardium Segmentation on Cardiac MRI: A Systematic Review and Meta-Analysis.

^{a*} 2- Effectiveness of Glucagon-like Peptide-1- Receptor Agonists in Patients with Heart Failure: A Network Meta-Analysis of randomized clinical trials.

D) American Heart Association's Hypertension 2025 Scientific Sessions

1- Ebrahimi, P., Namazi, M. J., Rezasoltani, M., Moradi, A., Montazeri Namin, S., **Eshraghi, R.**, ... & Shahid, F. (2025). Abstract TH163: Persistence of Blood Pressure Reduction Following Renal Denervation Across Short-, Medium-, and Long-Term Follow-Up. *Hypertension*, 82(Suppl_1).

E) United European Gastroenterology Week 2026

1- COMPARATIVE EFFECTIVENESS OF SMALL VERSUS MEGA ENDOSCOPIC STENTS IN MANAGING SLEEVE GASTRECTOMY LEAKS: A SYSTEMATIC REVIEW AND META-ANALYSIS

^b2-GLUCAGON-LIKE PEPTIDE-1 RECEPTOR AGONIST AND ALCOHOL CONSUMPTION: A SYSTEMATIC REVIEW

^a Won 1000\$ for attending and presenting the abstract

^b won 500euros grant

* As presenting author

Editorial Activities

I had the opportunity to be as *Editorial Fellow* in **European Journal of Medical Research**.

Peer-Review Activities

I serve as a peer reviewer for 95 articles in the following journals: **Anesthesiology and Perioperative Science** (1), **BMC Infectious Diseases** (4), **Coronaviruses** (1), **Discover Applied Sciences** (1), **Discover Medicine** (19), **Echocardiography** (2), **European Journal of Medical Research** (5), **European Journal of Medical Sciences** (1), **Frontiers in Surgery** (1), **Health Informatics Journal** (1), **Heart & Lung** (3), **Journal of Chemistry** (1), **Journal of Health, Population and Nutrition** (4), **Journal of Research in Medical Sciences** (2), **PLOS ONE** (41), **SAGE Open Medicine** (1), **Science Progress** (1), **Scientific Reports** (1), **Sleep & breathing** (1), **Sleep & Breathing** (3), **The Journal of Nutrition, Health and Aging** (1)

LAB & RESEARCH SKILLS

Lab techniques:

- Familiar with cell isolation and culture, CAM assay, flow cytometry, laboratory animal models, especially tumor implantation, metastasis and angiogenesis, Western Blot, immunohistochemistry, H&E staining, and analysis.

Research methodologies.

- Strong proficiency in designing studies and writing protocols, data gathering, ability to perform data management tasks (data entry, cleaning, analysis), interpretation of data, and statistical analysis (SPSS, R program, and STATA).
- I am cable of running advanced dose-response and network meta-analysis from zero to 100% by myself.
- Experienced in clinical trials, observational and epidemiological research, writing manuscripts and revision, and systematic reviews & meta-analyses.
- Demonstrated leadership and team management abilities, with a proven history of coordinating successful projects and promoting collaborative work environments.
- Ability to work in multidisciplinary research teams

MedArt

- Caple of visualizing the results in R program, Adobe Illustrator, and Biorender, which best fits for graphical abstracts
-

LANGUAGE

- English: Professional proficiency
 - German: Limited proficiency
 - Persian: Native
-

References

- **Associated Prof. Hamed Mirzaei, PhD (H index=97),**

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- **Prof. Mohammadreza Movahed, MD, PhD, FACC, FACP, FSCAI, FCCP (H index=46),**

Clinical Professor of Medicine, University of Arizona Sarver Heart Center, 1501 N Campbell Avenue, Tucson, AZ 85724, USA.

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- **Prof. Seyed MohammadReza Hashemian, MD, PhD, FAXX (H index=46),**

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- **Prof. Gianni Angelini, MD, MCh, FRCS, FECTS, F Med Sci (H index=91)**

Cardiothoracic Surgeon, Professor at University of Bristol, United Kingdom.

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- **Assistant Professor Kaveh Hosseini, MD, PhD (H index 16)**

Senior Research Fellow, Center for Translational Cardiology and Pragmatic Randomized Trials (CTCPR), Cardiology Research Department, Copenhagen University, Denmark

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