

Niloofer Dehdari Ebrahimi

✉ niloofer.dehdari6021@gmail.com

☎ +989333516021

🌐 LinkedIn

Education

Doctor of Medicine
Shiraz University of Medical Sciences, Shiraz, Iran
GPA of 3.58 out of 4

2016 – 2023

Skills

Clinical research

- Study design
- Scientific writing
- Teamwork and leadership skills
- Systematic reviews and meta-analyses

Computer skills

- General data analytics and visualization tools such as Excel and GraphPad.

Laboratory techniques

- Cell culture
- 3D scaffold fabrication: liver and cartilage
- DNA extraction
- PCR
- Gel electrophoresis

Experience

Clinical Experience

Medical Intern

August 2021 – April 2023

18 months rotational Medical Internship with 24-hour shifts at hospitals affiliated with Shiraz University of Medical Sciences, Shiraz, Iran

General Practitioner

April 2023 – Present

Emergency room, OB, and surgery wards at Hafez Hospital, a tertiary healthcare center in southern Iran, Shiraz University of Medical Sciences, Shiraz, Iran

Research Experience

Systematic reviews and meta-analysis

August 2022 – August 2023

Designed and managed the research investigation of the protective effects of melatonin on the male reproductive system, which established the prominent defensive properties of melatonin in mitigating diverse stressors, including anti-cancer therapies, metabolic disorders, and physical and chemical stress factors.

Tissue engineering

August 2022 – Present

I developed a 3D liver scaffold using human liver tissue to explore the impact of macrophages on scaffold angiogenesis in my current research project. Additionally, explored various techniques to decellularize human liver tissue to identify the most effective method that minimizes extracellular matrix composition damage in the study.

We successfully generated hepatocyte spheroids with a comparable cell ratio to that found in natural human liver tissue for the purpose of assessing the impact of simvastatin-loaded nano-sized liposomes on liver fibrosis. This achievement marked the first instance of such spheroids being utilized in this context.

In addition, my laboratory experience encompassed the isolation, culture, and differentiation of human Wharton's jelly-derived mesenchymal stem cells (hWJMSCs), and the isolation of hWJMSC-exosomes to assess their impact on dry eye disease in individuals with Sjögren's syndrome.

Publications

- **Niloofar Dehdari Ebrahimi**, Alireza Sadeghi, et al. "Protective effects of melatonin against oxidative stress induced by metabolic disorders in the male reproductive system: a systematic review and meta-analysis of rodent models". *Frontiers in endocrinology*. (2023). 10.3389/fendo.2023.1202560 ↗
- **Niloofar Dehdari Ebrahimi**, Shima Parsa, et al. "Protective effects of melatonin against the toxic effects of environmental pollutants and heavy metals on testicular tissue: A systematic review and meta-analysis of animal studies". *Frontiers in endocrinology*. (2023). 10.3389/fendo.2023.1119553 ↗
- **Niloofar Dehdari Ebrahimi**, Sara Shojaei-Zarghani, et al. "Protective effects of melatonin against physical injuries to testicular tissue: A systematic review and meta-analysis of animal models". *Frontiers in endocrinology*. (2023). 10.3389/fendo.2023.1123999 ↗
- **Niloofar Dehdari Ebrahimi**, Alireza Sadeghi, et al. "Protective effects of exogenous melatonin therapy against oxidative stress to male reproductive tissue caused by anti-cancer chemical and radiation therapy: a systematic review and meta-analysis of animal studies". *Frontiers in endocrinology*. (2023). 10.3389/fendo.2023.1184745 ↗
- **Niloofar Dehdari Ebrahimi**, Alireza Ahmadkhani, et al. Correspondence on "Salivary biomarkers in breast cancer diagnosis: A systematic review and diagnostic meta-analysis in Cancer Medicine". (2023). 10.1002/cam4.6353 ↗
- Erfan Taherifard , Hamed Movahed , Ehsan Taherifard , Alireza Sadeghi , **Niloofar Dehdari Ebrahimi**, et al. "Electrocardiographic abnormalities in patients with sickle cell disease: A systematic review and meta-analysis". *Pediatric Blood & Cancer*. (2024). 10.1002/pbc.30916 ↗
- Pardis Habibi, Kimia Falamarzi, **Niloofar Dehdari Ebrahimi**, et al. "GDF11: An emerging therapeutic target for liver diseases and fibrosis" *Journal of Cellular and Molecular Medicine*. (2024). 10.1111/jcmm.18140 ↗
- Alireza Sadeghi, **Niloofar Dehdari Ebrahimi**, et al. Correspondence on "Prognostic significance of complement factors in severely ill patients with COVID-19". *Journal of Investigative Medicine: the official publication of the American Federation for Clinical Research*. (2023). 10.1177/10815589221150645 ↗
- Mohammad Hossein Nikoo, Alireza Sadeghi, Alireza Estedlal, Reza Fereidooni, **Niloofar Dehdari Ebrahimi**, et al. "Conduction system disorders and electrocardiographic findings in COVID-19 deceased patients in 2021, Shiraz, Iran". *World journal of cardiology*. (2022). 10.4330/wjc.v14.i12.617 ↗
- Mohammadreza Heydari, Jamileh Rahimi, Zohre Foroozanfar, Alireza Mirahmadizadeh, Anahita Sanaei Dashti, Sima Afrashteh, Shiva Aminnia, **Niloofar Dehdari Ebrahimi**, et al. "The Efficacy of Ivermectin and Metronidazole vs. Standard Treatment Protocols on Outcomes of COVID-19 in Hospitalized Patients: A Triple-Blinded Randomized Controlled Trial". *Archives of Clinical Infectious Diseases*. (2022). 10.5812/archcid-122525 ↗
- Mohammad Hossein Nikoo, Alireza Sadeghi, Alireza Estedlal, Seyyed Taghi Heydari, Mohammad Amir Taherinezhad Tayebi, **Niloofar Dehdari Ebrahimi**, et al. "ECG Prediction of Mortality in COVID-19 Patients by Sokolow-Lyon Voltage". *Shiraz E-Medical Journal*. (2022). 10.5812/semj-128688 ↗
- Alireza Sadeghi, Ehsan Taherifard, **Niloofar Dehdari Ebrahimi**, et al. "Effects of L-arginine supplementation in patients with sickle cell disease: A systematic review and meta-analysis of clinical trials". *Health science reports*. (2023). 10.1002/hsr.2.1167 ↗
- **An additional 5 publications are accessible on my Google Scholar ↗ and ResearchGate ↗ profiles.**

In Review

- Nasrin Motazedian, Ahad Eshraghian, Anita Ashari, **Niloofer Dehdari Ebrahimi**, et al. "Effects of L-Carnitine on Frailty Status in Patients with Liver Cirrhosis: A Randomized-Controlled Trial" in the Journal of gastroenterology and hepatology
- Alireza Sadeghi, **Niloofer Dehdari Ebrahimi**, et al. Radioprotective effects of exogenous melatonin administration against testicular oxidative stress: a systematic review and meta-analysis of rodent models in Heliyon
- Ali A. Asadi-Pooya, Erfan Taherifard, **Niloofer Dehdari Ebrahimi**, "GET" complements Genes4Epilepsy: AnApplication (Gene, Epilepsy, Treatment)" in Epilepsia

Volunteer works

- Coordinated a student-driven charity initiative in 2017, focusing on gathering essential medical aid for three deserving patients.
- Organized a small bazaar in 2018, dedicated to collecting vital financial aid for underprivileged children under welfare.
- Actively participated in voluntary campaigns during Health Week in 2016, providing blood pressure screenings.
- Acted as a COVID-19 healthcare provider during the pandemic, volunteering for 24-hour shifts in inpatient COVID-19 pediatric and adult wards as part of my Medical Externship and Internship in 2022.

Hobbies and Interests

- Painting
- Nurturing and caring for plants
- Traveling
- Pilates

References

References can be provided upon request.