

# Niloofer Dehdari Ebrahimi

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in LinkedIn

## Education

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Doctor of Medicine

2016 – 2023

Shiraz University of Medical Sciences, Shiraz, Iran

GPA of 3.58 out of 4

## Skills

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### 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
- DNA and RNA extraction
- PCR
- Gel electrophoresis
- MTT assay

## Experience

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### 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

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.

## Publications

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- **Niloofar Dehdari Ebrahimi**, 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**, 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**, 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**, 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**, et al. "Radioprotective effects of melatonin therapy against testicular oxidative stress: a systematic review and meta-analysis of rodent model", *Annals of Medicine and Surgery*, (2024), 10.1097/MS9.0000000000002620
- **Niloofar Dehdari Ebrahimi**, 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
- Abdullah Amini, Erfan Taherifard, Mohammadreza Akbari, Ehsan Taherifard, **Niloofar Dehdari Ebrahimi**, et al. "The medication usage pattern and prevalence of polypharmacy among patients with sickle cell disease: a population-based study in southern Iran". *Expert Review of Hematology* (2024). 10.1080/17474086.2024.2385482
- 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, **Niloofer 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/hsr2.1167
- Alireza Sadeghi, Fatemeh Nouri, Ehsan Taherifard, Mohammad Amin Shahlee, **Niloofer Dehdari Ebrahimi** "Estimates of global and regional prevalence of Helicobacter pylori infection among individuals with obesity: a systematic review and meta-analysis". Infection. (2024). 10.1007/s15010-024-02244-7
- Shima Parsa, Maryam Dousti, Nasim Mohammadi, Mozhgan Abedanzadeh, **Niloofer Dehdari Ebrahimi**, et al. "The Effects of Simvastatin-loaded Nanoliposomes on Human Multilineage Liver Fibrosis Microtissue".Journal of Cellular and Molecular Medicine. (2024). 10.1111/JCMM.18529. (accepted)
- Alireza Hosseinpou, Jahangir Kamalpour, **Niloofer Dehdari Ebrahimi**, et al. "Comparative effectiveness of mesenchymal stem cell versus bone-marrow mononuclear cell transplantation in heart failure: A meta-analysis of randomized controlled trials", Stem Cell Research & Therapy, (2024). 10.1186/s13287-024-03829-7
- Nasrin Motazedian, Anita Ashari, **Niloofer Dehdari Ebrahimi**, et al. "Effects of L-Carnitine on Frailty Status in Patients with Liver Cirrhosis: A Randomized-Controlled Trial", Health Science Reports (2024). 10.1002/hsr2.70148
- **An additional 6 publications are accessible on my [Google Scholar](#) and [ResearchGate](#) profiles.**

## In Review

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- Ali A. Asadi-Pooya, Erfan Taherifard, **Niloofer Dehdari Ebrahimi**, "GET" complements Genes4Epilepsy: AnApplication (Gene, Epilepsy, Treatment)" in Epilepsia

## Volunteer works

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- 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

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

## References

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References can be provided upon request.