

Curriculum Vitae



Armin Sadeghi

Assistant Professor of Pulmonology and intensive care at Tabriz University of Medical Science.

CONTACT

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PERSONAL INFORMATION

Gender: Male

Date of Birth: 20. March 1980

Marital Status: Married

Country of Origin: Iran

EDUCATIONAL BACKGROUND

- 1- Doctor of Medicine (MD). (1998-2005) – Faculty of Medicine (Tabriz University of Medical Sciences, Tabriz, Iran). MD graduation score:17.33
- 2- Specialty Board Certified in Internal Medicine.(2009-2013)- (Tabriz University of Medical Sciences, Tabriz, Iran)
- 3- Subspecialty Board certified in pulmonary diseases. (2015-2017)- (Tabriz University of Medical Sciences, Tabriz, Iran)

EDUCATIONAL INFORMATION

Thesis title

- 1- General Practitioner: Investigation of vernal conjunctivitis and its complications in outpatients of Nikukari Eye Hospital.
- 2- Specialty Course: The effect of supplementation with omega-3 fatty acids on serum levels of C-peptide, hs-CRP and fasting glucose and fat profile in obese people.
- 3- Subspecialty Course: The frequency and function of Th 17 and regulatory T cells in patients with COVID-19 compared to healthy individuals.

Supervisor & Advisor of Thesis

General Practitioner Thesis:

1. Evaluation of the effects of human mesenchymal stem cell cells (MSCs) on differentiation and function of Treg cells in patients with chronic obstructive pulmonary disease (COPD) (**Supervisor**).
2. Evaluation of the effect of human mesenchymal stem cell exosomes on Th17 cells in patients with chronic obstructive pulmonary disease (COPD) (**Supervisor**).
3. The effect of human AD-MSCs derived exosome on gene expression, methylation and levels of inflammatory cytokines in PBMCs of patients with chronic obstructive pulmonary disease (COPD) (**Supervisor**).
4. Evaluation of the effects of human mesenchymal stem cell cells (MSCs) on differentiation and function of Th17 cells in patients with chronic obstructive pulmonary disease (COPD) (**Supervisor**).

Residents Thesis:

1. Measurement of dead space in Covid 19 patients under mechanical ventilation and its relationship with disease severity markers (**Supervisor**).
2. Analysis of changes in MALAT1 long non coding RNA and miR-30b in tumor tissue and free margin in patients with lung cancer (**Supervisor**).
3. Evaluation of FTH-1 and SHOX2 promoter methylation in tumor tissue and free margin in patients with lung cancer (**Supervisor**).
4. Investigating the effects of knock-down of Slc16A13 on apoptosis and metastasis of lung cancer cell line (**Advisor**).

Subspecialty Resident:

1. The final Diagnosis of patients with negative PCR according to clinical and paraclinical finding that admitted in COVID 19 ICU in Emam Reza hospital (**Advisor**).

Publications:

A) JOURNAL PAPERS

- 1- Th17 and Treg cells function in SARS- CoV2 patients compared with healthy controls. **Armin Sadeghi**,Safa Tahmasebi,Arshad Mahmood,Maria Kuznetsova,Hamed Valizadeh,Ali Taghizadieh,Masoud Nazemiyeh,Leili Aghebati-Maleki,Farhad Jadidi-Niaragh,..... Journal of cellular physiology 236 (4), 2829-2839, 2021
- 2- Nano-curcumin therapy, a promising method in modulating inflammatory cytokines in COVID-19 patients. Hamed Valizadeh, Samaneh Abdolmohammadi-vahid, Svetlana Danshina, Mehmet Ziya Gencer, Ali Ammari, **Armin Sadeghi**, Leila Roshangar, Saeed Aslan.... International immunopharmacology 89, 107088, 2020
- 3- Nanocurcumin improves Treg cell responses in patients with mild and severe SARS-CoV2 Safa Tahmasebi, Balsam Qubais Saeed, Elmira Temirgaliev, Alexei Valerievic Yumashev, Mohamed A.El-Esawi, Jamshid Gholizadeh Navashena., Hamed Valizadeh, **Armin Sadeghi**, Saeed Aslani, Mehdi Yousefi, Farhad Jadidi Niaragh,... Life Sciences, 119437, 2021
- 4- Comparison of Losartan and Amlodipine Effects on the Outcomes of Patient with COVID- 19 and Primary Hypertension: A Randomized Clinical Trial Masoud Nouri-Vaskeh , Niusha Kalami, Ramin Zand, Zahra Soroureddin, Mojtaba Varshochi , Khalil Ansarin, Haleh Rezaee, Ali Taghizadieh , **Armin Sadeghi**, Masoud Ahangari Maleki, Azam Esmailnadjad, nternational Journal of Clinical Practice, e14124, 2021

5- Safety of bronchoscopic guided percutaneous dilatational tracheostomy in ICU patients in Tabriz City. Mohammad Esmaeil Hejazi, Mohammadamin Rezazadehsaatlou, Leila Namvar, **Armin Sadeghi**, Veghar Hejazi, ...Universa Medicina 36 (3), 173-178, 2017

6- The Effects of Omega 3 Fatty Acids Supplementation on Serum Lipid Profiles, C-Peptide and Fasting Blood Glucose in Obese Volunteers
Majid Mobasseri, **Armin Sadeghi**, Alireza Ostadrahimi, Samira Pourmoradian Journal of Ardabil University of Medical Sciences 13 (4), 421-429, 2013

7- Chronic obstructive pulmonary disease and asthma: mesenchymal stem cells and their extracellular vesicles as potential therapeutic tools.
Hossein Abbaszadeh, Farzaneh Ghorbani, Sanaz Abbaspour-Aghdam, Amin Kamrani, Hamed Valizadeh, Mehdi Nadiri, **Armin Sadeghi**, Karim Shamsasenjan, Farhad Jadidi-Niaragh, Leila Roshangar & Majid Ahmadi. Stem Cell Research & Therapy 13 (1), 1-15.

8- Evaluating the effect of Edaravone on clinical outcome of patients with severe COVID-19 admitted to ICU: a randomized clinical trial
Mohammadreza Moslemi, Seyyede Mina Hejazian, Molod Shaddelan, Fatemeh Javanali, Alireza Mirghaffari, **Armin Sadeghi**, Hamed Valizadeh, Akbar Sharifi ,....
Inflammopharmacology 30 (4), 1277-1282

9- Tissue plasminogen activator for the treatment of adults with critical COVID-19: A pilot randomized clinical trial
Farid Rashidi, Stefano Barco, Parisa Rezaeifar, Parham Sadeghipour, Samad Ghodrati, Hooman Bakhshandeh, Seyed Ali Mousavi-Aghdas , **Armin Sadeghi** , Akbar Sharifi , Hamed Valizadeh , Thrombosis research 216, 125-128.

10- Relationship between Chest CT scan Findings with SOFA score, CRP, Comorbidity, and Mortality in ICU Patients with COVID- 19
Mohammad Esmaeil Hejazi, Aida Malek Mahdavi, Zahra Navarbah, Mohammad Kazem Tarzamni, Rozhin Moradi, **Armin Sadeghi**, Hamed Valizadeh, and Leila Namvar. International Journal of Clinical Practice 75 (12), e14869

11- Acute lower limb ischemia in an ICU admitted patient diagnosed with the COVID- 19: A case report
Armin Sadeghi, Mohammadreza Moselimi. Clinical Case Reports 9 (12), e05146.

12- Immunomodulatory role of Nanocurcumin in COVID-19 patients with dropped natural killer cells frequency and function
Sanaz Abbaspour-Aghdam, Ali Hazrati, Samaneh Abdolmohammadi-Vahid, Safa Tahmasebi, Jafar Mohseni, Hamed Valizadeh, Mehdi Nadiri, Haleh Mikaeili, **Armin Sadeghi**, Mehdi Yousefi, European Journal of Pharmacology 933, 175267

13- Effects of Toll Like Receptor Agonists and SARS-Cov-2 Antigens on Interferon (IFN) Expression by Peripheral Blood CD3+ T Cells in COVID-19 Patients
SA Abdolmohammadi-Vahid, B Baradaran, **A Sadeghi**, G Bezemer...
Preprints

14- Injection of intravenous immunoglobulin (IVIg) for the treatment of Coronavirus induced cytokine storm

Farahnoosh Farnood, Hamed Valizadeh, Khalil Ansarin, Sepideh Zununi Vahed, Seyyed Sina Hejazian, Armin Sadeghi....

Medical Journal of Tabriz University of Medical Sciences 44 (5), 403-415

15- Hemoperfusion Therapy's Efficiency in Reducing Serum IL-6 Levels and Disease Severity in COVID-19 Patients

Mohammad Bakhshivand, Farid Ghorbaninezhad, Somaye Mirzayi, Nima Hemmat, Khalil Ansarin, Mohammad Reza Ardalan, Ali Taghizadieh, Maseoud Nazemiyeh, Mahdi Jafarlou, Farid Rashidi, **Armin Sadeghi**, Arsalan Yazdchi,.....

ImmunoAnalysis, 2022, 2, 10

Teaching Experience

1. Teaching the practical course of internal diseases to midwifery students of Tabriz University of Medical Sciences.
2. Teaching forensic medicine to law students of Kalibar Islamic Azad University. Holding several advanced Cardiopulmonary resuscitation (CPR) workshops at Razi MahNeshan Hospital.
3. Teaching internal diseases to occupational therapy students of rehabilitation faculty.
4. Participation in the morning report training program, training classes for assistants and learners; Educational round of the department with assistants and students and attendance at Sina Hospital educational clinic.
5. Department visits and training rounds for assistants, interns and medical trainees 6 days a week in the pulmonary division and ICU of Imam Reza Hospital.
6. Practical and theoretical teaching of semiology course for physiopathology students.
7. Teaching the physiopathology course of pulmonary diseases for physiopathology students.

Work Experiences

1. The chairman of the Forensic Medicine Department of Kalibar. 2006-2007.
2. Member of the executive committee of the 11th International Congress of Gastrointestinal and Liver Diseases. October 5 to 7, 2011.
3. The head of the emergency department and the scientific supervisor of the emergency department of Razi Mah Neshan hospital. 2013-2015.
4. Member of the Health Committee of Imam Reza Hospital. 2020-Ongoing.
5. Member of Research Committee of Tuberculosis and Pulmonary Diseases Research Center. 2020-Ongoing.
6. Deputy Dean of General Practitioner, Department of Internal Medicine, Tabriz University of Medical Sciences. 2021- Ongoing.
7. Head of the ICU9 department of Imam Reza Hospital in Tabriz. 2021-Ongoing
8. Member of the education committee in the field of medical school 2022- Ongoing
9. Member of Research Committee Emergency and Trauma Care Research Center 2022- Ongoing

Achievements

1. Selected volunteer of Red Crescent of Zanzan province in 2014.
2. Selected Basiji doctor from Mah Neshan city in 2015.
3. Cooperating with the Student Basij of Tabriz University of Medical Sciences as a volunteer jihadist doctor in jihadi camps.
4. Selected academic staff of the educational festival of Shahid Motahari in 1400

General Skills

1. Expert in computer work, including website design; work with Microsoft Office; Video editing software and...
2. Obtaining a certificate in the language test of the Ministry of Health (MHLE).

Language

- 1- Able to write and speak in English (well)
- 2- Able to write and speak in Farsi (Persian) (fluent)
- 3- Able to speak in Azeri (fluent)