

# SAEED SAMAEINASAB

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## ACADEMIC ACCOUNT

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- ❖ [GOOGLE SCHOLAR](#)
- ❖ [RESEARCHGATE](#)
- ❖ [SCOPUS](#)
- ❖ [LINKEDIN](#)

## EDUCATION BACKGROUND

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- ❖ Bachelor's Degree in Veterinary Laboratory Science, Sabzevar Azad University, 2015 – 2023
- ❖ Associate Degree in Veterinary, Sabzevar Azad University, 2013 – 2015

## ACADEMIC / RESEARCH INTEREST

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- ❖ CAR T cell
- ❖ Cancer immunology
- ❖ Stem Cell Transplant
- ❖ Exosomes
- ❖ Immunotherapy
- ❖ Cell Therapy

## SKILLS

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### Laboratory Techniques:

- ❖ Flow Cytometry
- ❖ Next-Generation Sequencing ( NGS )
- ❖ Cell Culture
- ❖ Spatial Transcriptomics
- ❖ Single-cell RNA sequencing (scRNA-seq)
- ❖ Proficient in animal handling ( mice )

### Hard Skills:

- ❖ Research Analysis
- ❖ Scientific Writing
- ❖ Microsoft Office Suite
- ❖ Data Analysis

### Soft Skills:

- ❖ Problem-solving and critical thinking abilities
- ❖ verbal and written communication skills
- ❖ Work ethic and motivation skills
- ❖ collaborative and interpersonal skills
- ❖ Detail oriented

- ❖ Result oriented

## JOURNAL PAPERS

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- ❖ Amir Reza Safdarian, Massoumeh Ebtekar , Zahir.M. Hassan Saraf, Hossein Naderi Manesh, Seyed ali Hashemi, Hajar Rajaei, **Saeed Samaeinasab**, Danial Habibi, Hossein Khorramdelazad . Artesunate-Loaded Fe<sub>3</sub>O<sub>4</sub> Nanoparticles: A Novel Approach for Combating 4T1 Breast Cancer Cells In Vitro and In Vivo Nanomedicine journal - 2024 [[Access Online](#)]
- ❖ Zahra Eslami Mohammadi, Saeed Akhlaghi, **Saeed Samaeinasab**, Shakiba Shaterzadeh-Bojd, Tannaz Jamialahmadi, Amirhossein Sahebkar . Clinical performance of rapid antigen tests in comparison to RT-PCR for SARS-COV-2 diagnosis in the Omicron variant: a systematic review and meta-analysis, Journal of Reviews in Medical Virology - 2023 [[Access Online](#)]
- ❖ **ACKNOWLEDGMENT** section at : Death due to COVID-19 in a patient with diabetes, epilepsy, and gout comorbidities . Journal of Clinical Case Reports . 2021 [[Access Online](#)]
- ❖ Laya Shamsi, **Saeed Samaeinasab**. Identification of Hard tick's diversity on Sheep in Sabzevar city, Iran . Journal of Veterinary Research and Biological Products . 2020 [[Access Online](#)]
- ❖ Laya Shamsi, **Saeed Samaeinasab**, Sulmaz Tarakameh Samani. Prevalence of hydatid cyst, Fasciola spp. and Dicrocoelium dendriticum in cattle and sheep slaughtered in Sabzevar abattoir, Iran . 2020 [[Access Online](#)]
- ❖ Laya Shamsi, **Saeed Samaeinasab**, Arash Haghighatkah . Identification of ectoparasites of camels in Sabzevar City, Iran . 2020 [[Access Online](#)]
- ❖ Laya Shamsi , **Saeed Samaeinasab** , Arash Haghighatkah . Prevalence of Ectoparasites in Free-ranging Backyard Chickens of Sabzevar City, Iran . 2020 [[Access Online](#)]
- ❖ **Saeed Samaeinasab**, Laya Shamsi, Nona Moradpour . Investigation on prevalence of patients with hydatid cyst surgery in Sabzevar city during 2012 to 2016 . Journal of Student Research Committee of Sabzevar University of Medical Sciences ( Beyhagh) .2019 [[Access Online](#)]
- ❖ Laya Shamsi, **Saeed Samaeinasab** . Prevalence of Cutaneous Leishmaniasis in the City of Sabzevar, 2013 to 2016 . International Journal of Advanced Biological and Biomedical Research . 2018 [[Access Online](#)]
- ❖ Fatemeh Jalali , Parnia Favakehi , Sahar Molavi Nia , **Saeed Samaeinasab**, Amirreza Safdarian , Mohsen Masjedi . The Effect of gut microbiota on the downregulation of inflammatory responses of the innate and adaptive immune systems . [**under revision**]
- ❖ Functional roles of exosomal lncRNAs in the Crosstalk between Breast Cancer Cells and Macrophages .[**under revision**]

- ❖ The differentially gene expressed prognostic and diagnostic genes in Diffuse Large B-cell Lymphoma [**under revision**]
- ❖ Bioinformatic Analysis of Breast Cancer Datasets from GEO and Identification of Novel Biomarkers for Validation in Clinical Samples . [**under revision**]

## CONFERENCE PAPERS

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- ❖ Due to the substantial number of conference papers I have collaborated on, and in order to maintain brevity in this document, I have provided a link to my **ResearchGate** profile, where all relevant publications can be accessed for review [[Access Online](#)]

## BOOK PUBLICAION

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- ❖ Contributing to the translation of the book 'Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 9th Edition,' into Farsi (Persian) . I supervised the translation of volumes 4 and 5, orchestrating the contributions of graduate and undergraduate students to translate 100 chapters.2024
- ❖ Authored 5 book chapters in a book titled "Diagnosis and Treatment of Infectious Diseases" to be published by Elsevier Publications-2024 (**Publishing**).. The chapters include:
  - ❖ Chapter 2: Cellular and Humoral Immunity
  - ❖ Chapter 29: Parasitic infections with predominant gastrointestinal and hepatic symptoms
  - ❖ Chapter 30: Parasitic Infections with Predominant Pulmonary Symptoms
  - ❖ Chapter 34: Systemic Parasitic Infections
  - ❖ Chapter 42: Immunization

## WORK EXPERIENCE

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- ❖ Lab technician ( PCR section) at “Dr.Zargarian Laboratory” 2018 -2019 – Sabzevar - Iran
- ❖ Executive Committee at “ Roxan Company “ 2019-2020, Tehran,Iran
- ❖ Internship at “ Keyvan Virology Laboratory “2021- Tehran – Iran
- ❖ Lab technician at ( ELISA section ) ” Masoud Laboratory” 2022 Tehran – Iran
- ❖ Research Assistant (RA), Faculty of Veterinary Medicine, Sabzevar Islamic Azad University 2023 – Present, Sabzevar, Iran

## VOLUNTEER EXPERIENCE

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- ❖ **Scientific Committee** of 25th National and 11th International Annual Research and Technology Congress of Medical Students, Iran, Urmia , September 5th to 7th, 2024
- ❖ **Scientific Committee** The 1st Student Research and Technology Congress of Iran's Northern Region and the 6th Congress of Students of Babol University of Medical Sciences , Babol , Iran , August 20th to 21st, 2023
- ❖ **Scientific Committee** of 1st International Congress of Biology and Laboratory Sciences, Babol ,Iran, 2023
- ❖ **Scientific Committee** of The 1st Annual Students" Congress of Medical Sciences Universities in Tehran , Tehran, Iran , May 9th to 11th, 2023
- ❖ **Scientific Committee** of 24th National and 10th International Annual Research and Technology Congress of Medical Students, Tehran, Iran,October 4th to 6th, 2023
- ❖ **Scientific Committee** 14th virtual Annual Research Students Congress of Medical Students, Eastern Region of Iran , Bojnurd , Iran- February 26th, 2021
- ❖ **Editorial Board Member**, International Journal of Biomedicine and Public Health, Reviewed 1 submission in 2020
- ❖ **Editorial Board Member** of "The World of Viruses" Journal, Tehran University of Medical Sciences ,Tehran, Iran 2020
- ❖ **Editorial Board Member** of "Golbang" Journal, Isfahan University of Medical Sciences – 2018
- ❖ **Scientific Committee** of 12th Annual Research Students Congress of Medical Students, Eastern Region of Iran - Gonabad , Iran , November 29th to 30th, 2017
- ❖ **Scientific Committee** of 8th Annual Research Congress of Ardabil University of Medical Sciences, Ardabil, Iran, November 29th to 30th, 2017
- ❖ **Scientific Committee** of 3rd Annual Research Congress of Sabzevar University of Medical Sciences, Sabzevar, Iran – December 7th, 2016

#### CERTIFICATE

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- ❖ Introduction to the Biology of Cancer, Johns Hopkins University, February, 2023 [[Access Online](#)]
- ❖ COVID-19 Impact on Infection Control, Preparedness and Cancer Patients, Harvard Medical School, USA , 2020 [[Access Online](#)]
- ❖ Principles of working with laboratory animals, 12 June 2020, Zhino Gene Pazhoohan Lab, Tehran, Iran [[Access Online](#)]
- ❖ Basics of Extracellular Vesicles, University of California, Irvine, October 2024 .[in progress]

#### REFERENCES / RECOMMENDER

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- ❖ **Dr.Mahzad Akbarpour** : Assistant Professor, Department of Internal Medicine, Division of Hematology, Oncology and Cell Therapy - RUSH University - USA [[makbarpour@medicine.bsd.UChicago.edu](mailto:makbarpour@medicine.bsd.UChicago.edu)]

- ❖ **Professor Jalil mehrzad** : Professor in the Department of Microbiology and Immunology, Faculty of Veterinary Medicine, University of Tehran, Tehran, Iran  
[[mehrzad@ut.ac.ir](mailto:mehrzad@ut.ac.ir)]
- ❖ **Dr .Saeed Soleiman Meigooni** : Head of the Department of Infectious Diseases and Associate Professor, Aja University of Medical Sciences. Tehran, Iran  
[[S.s.meigooni@ajaums.ac.ir](mailto:S.s.meigooni@ajaums.ac.ir)]

## EXTRACURRICULAR ACTIVITIES

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### Professional mountaineer

- ❖ The ascent of Mount Ararat, the highest peak in **Turkey** elevation of 5,137 meters, September 5, 2024
- ❖ The ascent of Mount Damavand, the highest peak in **Iran** elevation of 5,610 meters, July 11, 2024