

Curriculum Vitae

Saeed Mohammadi

PhD Candidate, Department of Molecular Medicine, Golestan University of Medical Sciences, Gorgan, Iran

Personal Information

Date of Birth: 24/03/1986
Place of Birth: Mashhad, Khorasan Razavi, Iran
Marital Status: Single

Contact Information

Address: Gorganjadid 20,4913884457, Gorgan, Golestan, Iran
E-mail: saeed.mohammadi6578@yahoo.com
Mobile: +98915508710
Skype ID: saaed.mohammadi
Webpage: https://www.researchgate.net/profile/Saeed_Mohammadi8
Scopus Author ID: 56799979200
ORCID: orcid.org/0000-0001-9895-8468

Education

<i>March 2013 – Dec 2016</i>	Golestan University of Medical Sciences PhD, Molecular Medicine Gorgan, Iran
<i>Oct 2011 – Feb 2013</i>	Zahedan University of Medical Sciences MSc, Biological Sciences-Medical Parasitology Zahedan, Iran
<i>Jul 2004 – Jul 2008</i>	Mashhad University of Medical Sciences BSc, Laboratory Medicine Mashhad, Iran

Thesis

BSc: Prevalence of Mycobacterium tuberculosis in the samples referred to the tuberculosis research laboratory in Mashhad Ghaem Hospital

MSc: Allelic Forms of Merozoite Surface Protein-3 in Plasmodium falciparum Isolates from Southeast of Iran

PhD: In vitro Evaluation of Immunoregulatory Responses in Macrophages of Systemic Lupus Erythmatosous Patients Followed by Aryl Hydrocarbon Receptor Transcription Factor Activation

Skills & Activities

<i>Skills</i>	<p><i>PCR-based Methods</i> including Standard PCR and Real Time RT-PCR (Application and Analysis)</p> <p><i>Flowcytometry (Application and Analysis)</i></p> <p><i>Cell Culture Methods</i></p> <p><i>Small Animal Handling</i></p> <p><i>In Vitro Fertilization (in small Animals)</i></p> <p><i>Molecular Biology (Routine Methods)</i></p> <p><i>Immunohistochemistry</i></p> <p><i>Practical Bioinformatics Methods</i></p> <p><i>ELISA, IFA, ICC and Western blotting</i></p> <p><i>Histopathologic Methods</i></p> <p><i>Molecular Cloning</i></p> <p><i>Scientific Writing</i></p>
<i>Languages</i>	<p><i>Persian (Native)</i></p> <p><i>English (Advanced)</i></p> <p><i>French (Intermediate)</i></p> <p><i>Turkish (Intermediate)</i></p>
<i>Research Interests</i>	Macrophages, Innate Immunity, Adaptive Immunity, Autoimmune Disorders, Hematologic Malignancies, Cancer Biology
<i>Scientific Position</i>	<p><i>Editor-in-Chief</i>, Hakim Seyed Esmaeil Jorjani Journal of Research in Medical Sciences, Golestan University of Medical Sciences (2014-2016)</p> <p><i>Manager of Workshops</i>, Students Research Committee, Golestan University of Medical Sciences (2014-2016)</p> <p><i>Laboratory Supervisor</i>, Tohid Medical Laboratory , Mashhad, Iran (2008-2011)</p>
<i>Hobbies</i>	<p><i>Basketball and cycling</i></p> <p><i>Camping and mount climbing</i></p> <p><i>Reading science fiction novels</i></p>

Awards & Grants

<i>March 2013</i>	Award: Premier Student among Medical Parasitology Students in Zahedan University of Medical Sciences (GPA: 19.8)
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Oct 2014	Award: Premier Researcher in Golestan University of Medical Sciences
Oct 2016	Award: Premier Researcher in Golestan University of Medical Sciences

Selected Journal Publications

Saeed Mohammadi, Sima Sedighi, Ali Memarian, Yaghoub Yazdani: *Overexpression of interferon- γ and indoleamine 2, 3-dioxygenase in systemic lupus erythematosus: relationship with the disease activity*. *LaboratoriumsMedizin* · January 2017; DOI: 10.1515/labmed-2016-0076.

Alireza Mohebbi, **Saeed Mohammadi**, Ali Memarian: *Prediction of HBF-0259 interactions with hepatitis B Virus receptors and surface antigen secretory factors*. *VirusDisease* 08/2016; DOI: 10.1007/s13337-016-0333-9.

Marie Saghaeian-Jazi, **Saeed Mohammadi**, Yaghoub Yazdani, Sima Sedighi, Ali Memarian: *Effect of valproic acid and pioglitazone on cell cycle progression and proliferation of T-cell acute lymphoblastic leukemia Jurkat cells*. *Iranian Journal of Basic Medical Sciences*. 19(7):744-781.

Marie Saghaeian-Jazi, **Saeed Mohammadi**, Sima Sedighi: *Culture and Differentiation of Monocyte Derived Macrophages Using Human Serum: An Optimized Method*. *Zahedan Journal Research in Medical Sciences*. 06/2016; 18(6).

Yaghoub Yazdani, **Saeed Mohammadi**, Mehdi Yousefi, Fazel Shokri: *Preliminary Assessment of Various Additives on the Specific Reactivity of Anti-rHBsAg Monoclonal Antibodies*. *Avicenna Journal of Medical Biotechnology* 08/2015; 7(4):145-150.

Adel Ebrahimzadeh, **Saeed Mohammadi**, Ali Jamshidi: *Allelic Forms of Merozoite Surface Protein-3 in Plasmodium falciparum Isolates from Southeast of Iran*. *Jundishapur Journal of Microbiology* 05/2014; 7(5). DOI:10.5812/jjm.9829.

Fatemeh Namdar, Adel Ebrahimzadeh, **Saeed Mohammadi**: *Allelic Variation of Polymorphic Vaccine Candidates Merozoite Surface Protein-2 in Plasmodium falciparum Isolates from South-East of Iran*. 01/2014; 8(1).

Hamid Sadeghian, Samaneh Saedi, Ali Sadeghian, Morteza Akhlaghi, **Saeed Mohammadi**, Hadi Safdari: *Epidemiology and the Agreement Rate of Serological Tests in Human Brucellosis in North East of Iran*. 04/2015; 10(2). DOI:10.5812/archcid.10 (2)2015.20239.

Safdari H, Sadeghi A, Ghazvini K, **Mohammadi S**, Derakhshan M: *Prevalence of Mycobacterium tuberculosis in the samples referred to the tuberculosis research laboratory in Mashhad Ghaem Hospital during 2005-2006*. *Iranian journal of microbiology*. 2009;1(3):20-2.

Presentations in Conferences

Allelic Forms of Merozoite Surface Protein-3 in Plasmodium falciparum Isolates from Southeast of Iran; 7th international Immunology congress, Zahedan University of Medical Sciences, July 2013 (Oral)
Pioglitazone Improves the Anti-Inflammatory Response of Human Monocyte Derived Macrophages in Systemic Lupus Erythematosus Patients through Expansion of M2 Subpopulation; <i>International Students Congress of Biomedical Sciences (ISCOMS2016)</i> , Plenary Session 2 (oral) 7 th -10 th June, Groningen, Netherlands
Valproic Acid enhances the anti-inflammatory immune response through alternative activation of monocyte-derived macrophages in Systemic Lupus Erythematosus; <i>10th Annual Congress and 2nd International Congress of Iranian Rheumatology Association</i> , (oral), Tehran, Iran

Attended Workshops (*selected*)

<i>In vitro Fertilization in mice.</i> Yazd University of Medical Sciences. 2012. Certified under supervision of Dr Khalili. Department of Reproductive Biology.
<i>Three Dimensional Visualization of Proteins.</i> Golestan University of Medical Sciences. Students Research Committee workshop series. 2013. Trainer: Dr Morteza Khabiri
<i>PCR Primer Design.</i> Golestan University of Medical Sciences. Students Research Committee workshop series.2013.Trainer: Dr Ahad Yamchi
<i>Atomic Absorption.</i> Golestan University of Medical Sciences. Students Research Committee workshop series.2014.Trainer: Dr Hamidreza Joshaghani
<i>Flowcytometry.</i> Mazandaran University of Medical Sciences. Students Research Committee workshop series.2012.Trainer: Dr Askarian
<i>Business Plan.</i> Golestan University of Medical Sciences. Students Research Committee workshop series.2014.
<i>Western Blotting.</i> Golestan University of Medical Sciences. Students Research Committee workshop series.2014. Trainer: Dr Yaghoub Yazdani

Research Projects (*selected*)

<i>In vitro Evaluation of Immunoregulatory Responses in Macrophages of Systemic Lupus Erythematosus Patients Followed by Aryl Hydrocarbon Receptor Transcription Factor Activation.</i> Supervised by Dr Yaghoub Yazdani (In progress)

<i>Assessment of the Monocyte-Derived Macrophages immunologic response following apoptotic bodies and Sodium Valproate and Pioglitazone treatments in SLE patients. Supervised by: Dr Sima Sedighi</i>
<i>Computer-aided prediction of HBF-0259 mechanism in Hepatitis B virus surface antigen (HBsAg) secretion inhibition. Supervised by Dr Ali Memarian</i>
<i>Keratoconjunctivitis Sicca among Rheumatoid Arthritis Patients. Supervised by Dr Sima Sedighi</i>
<i>Study IL17, Hecpidin and Ferritin levels among patients with Systematic Lupus Erythematosus (SLE) and Healthy control group. Supervised by: Dr Sima Sedighi</i>
<i>Relationship between VCAM1 & ECA with Lupus in patients attending to clinic of rheumatology, Gorgan. Supervised by: Dr Sima Sedighi</i>
<i>Study the effect of Glipizide on the growth, Apoptosis and cell cycle changes in HT-29 and HW-16 Colorectal cell lines and its correlation with the expression level of natriuretic peptide receptor A. Supervise by Dr Ali Memarian</i>

CV references

- 1. Dr Yaghoub Yazdani, PhD. Immunology.** *Golestan University of Medical Sciences, faculty of Advanced Medical Technologies, Department of Molecular medicine, Gorgan, Iran.*
Email: yazdani@goums.ac.ir
- 2. Dr Sima Sedighi. Rheumatologist.** *Bones, joints and connective tissue Research Center, Golestan University of Medical Sciences, Gorgan, Iran*
E-mail: simasedighy@yahoo.com
- 3. Dr Ali Memarian, PhD. Immunology.** *Golestan University of Medical Sciences, faculty of Medicine, Department of Immunology, Gorgan, Iran.*
E-mail: alimemarian@goums.ac.ir
- 4. Dr Naser Behnampour.** *Department of Biostatistics, Faculty of Health, Golestan University of Medical Sciences, Gorgan, Iran.*
E-mail: behnampour@goums.ac.ir
- 5. Dr Saeedeh Salimi,** *Department of Clinical Biochemistry, Faculty of Medicine, Zahedan University of Medical Sciences, Zahedan, Iran.*
E-mail: sasalimi@yahoo.com