

Curriculum Vitae

Hossein Khorramdelazad

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Surname: Khorramdelazad

Date of birth: 01/09/1981

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Marital status: Married (1 children)

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Education:

- Master of Science in Immunology 2013-2014
Department of Microbiology and Immunology, Faculty of Medicine, Rafsanjan University of Medical Sciences, Rafsanjan, Iran.

G.P.A.: 19.02/20, Thesis grade: 20/20 (Excellent grade A+)

Thesis Title: Role of S100A12/RAGE axis in eccentric exercise-induced delayed-onset muscle soreness in male non-athletes. (Extracted article has been published in Sport Sciences for Health Journal, 2015)

Supervisors: Prof. Gholamhossein Hassanshahi and Prof. Abdollah Jafarzadeh

- Bachelor of Science in Medical laboratory Science 2006-2008
Faculty of Medical Science, Kerman University, Iran
G.P.A: 14.96 /20
- Degree in Medical laboratory Science 2004-2006
Faculty of Medical Science, Rafsanjan University, Iran
G.P.A: 16.04/20

Language Skills:

Mother tongue: Persian

English - IELTS overall score 6 (Jan 2015) (Listening: 5.5 Reading: 5.5 Writing: 6.5 Speaking: 6.5)

Work Experience:

2010-present, as supervisor at the Molecular Medicine Research Center, Rafsanjan University of Medical Sciences, Rafsanjan-Iran

2007- 2010, Technician at Farvardin and Masood Medical Laboratory, Tehran-Iran.

Awards:

- 1st Rank Researcher. Rafsanjan University of Medical Sciences Festival Award 2013.
- 2st Rank Researcher. Rafsanjan University of Medical Sciences Festival Award 2014.
- 1st Rank Researcher. Rafsanjan University of Medical Sciences Festival Award 2015.
- 1st Rank Researcher. Rafsanjan University of Medical Sciences Festival Award 2016.

Research Interests:

- Cytokine and Chemokine biology
- Cancer biology
- Virology diseases

Laboratory Skills:

- DNA and RNA extraction from all cell and tissue systems
- PCR, RFLP
- Real time PCR
- Western blotting
- Isolation of peripheral blood mononuclear cells
- ELISA
- Clinical and diagnostic laboratory techniques
- Primer design (PCR/RT-PCR/ Sodium metabisulfite)
- Cell culture
- Animal handling
- Flowcytometry (Cyflow, Partec, Germany)
- Experience in software such as: Gene runner, Flowmax, Oligo7, Endnote, Adobe Photoshop, Corel Draw, Microsoft Office, SPSS, Graphpad Prism.

Conference Participations:

- Khorramdelazad H, ***“Lack of association between CCR5-Δ32 mutation and acute lymphoblastic leukemia: a study from sought-eastern of Iran”***. 11th International Congress of Immunology & allergy Tehran-Iran April 2012.
- Khorramdelazad H, ***“The status of regulated on activation normal T cell expressed and secreted (RANTES) and interleukin 6 serum levels in nephropathies type 2 diabetic patients”***. 11th International Congress of Immunology & allergy Tehran-Iran April 2012.
- Khorramdelazad H, ***“The CXC Chemokine CXCL12 tissue expression and circulating levels in patients suffering from induced peptic ulcer follows a phase dependent fashion?”*** 6th International Congress of Laboratory & Clinic Tehran-Iran Feb 2014.
- Khorramdelazad H, ***“HIGH SERUM LEVELS OF TGF-βIN IRANIANS WITH CHRONIC HBV INFECTION”***. 5th International Congress of Tehran Hepatitis, Tehran-Iran May2014.
- Khorramdelazad H, ***“Role of the eccentric exercise-induced delayed-onset muscle soreness effects on the regulation of the expression of S100A12, RAGE and NFκB”*** 11th International Congress of Immunology & allergy. May2014, Tehran-Iran.

- Khorramdelazad H, “*The CCL5/CCR5 axis itself, but its CCR5 –A32 variant is involved in both T1D and T2D and also nephropathies complications of T2D*” 11th International Congress of Immunology & allergy. May2014, Tehran-Iran.

Workshops attended:

- Quality control in Microbiology, Kerman-Iran, April 2009.
- SPSS workshop, Physiology and pharmacology research center, Rafsanjan-Iran 2013
- Computational Genomics, 4th International Tehran Hepatitis congress. Tehran, Iran 2011
- Experiences in Journal of Viral Hepatitis for Editors and how to write a good paper, 4thInternational Tehran Hepatitis congress. Tehran, Iran 2011.
- Instructor, Primer design workshop, Rafsanjan University of Medical Sciences, 2014
- Real-time PCR and Epigenetic. Pasteur Institute of Iran, 2014.

Publications:

[1] **H. Khorramdelazad**, G. Hassanshahi, M.K. Arababadi, Controversial issues regarding the roles of IL-10 and IFN- γ in active/inactive chronic hepatitis B, World journal of gastrointestinal pathophysiology, 5 (2014) 120.

[2] H. Ostadebrahimi, Z. Jamali, M. Nazari, M. Bahri, Z. Farahmandnia, B.K. Khandany, M. Taheri, **H. Khorramdelazad**, E. Hakimizadeh, F. Zaker, CXC chemokines CXCL1, CXCL9, CXCL10 and CXCL12 are variably expressed in patients with sickle cell disease and carriers: are they predictive tools for disease complications, Clin Lab, 60 (2014) 99-104.

[3] S.M.A. Sajadi, V. Mirzaei, G. Hassanshahi, **H. Khorramdelazad**, H.Y. Daredor, S.M.H. Hosseini, M. Moogooi, A. Ravary, M.K. Arababadi, D. Kennedy, Decreased expressions of toll-like receptor 9 and its signaling molecules in chronic hepatitis B virus-infected patients, Archives of Pathology and Laboratory Medicine, 137 (2013) 1674-1679.

[4] H. Rafatpanah, M. Amin, M. Ghasemshirazi, M. Kazemiarababadi, **H. Khorramdelazad**, H. Abousaidi, Z. Shabani, A. Sayadi, G. Hassanshahi, J. Samadi, The SDF-1 α 3' A Genetic Variation Is Correlated with Susceptibility of Asthma in Iranian Patients, BioMed research international, 2013 (2013).

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- [6] S.H. Abdollahi, F. Ayoobi, **H. Khorramdelazad**, G. Hassanshahi, B.N. Ahmadabadi, M. Rezayati, A. Ravary, A. Shamsizadeh, M.K. Arababadi, Interleukin-10 serum levels after vaccination with in vivo prepared *Toxoplasma gondii* excreted/secreted antigens, *Oman Med J*, 28 (2013) 112-115.
- [7] **H. Khorramdelazad**, E. Hakimzadeh, G. Hassanshahi, M. Rezayati, H. Sendi, M.K. Arababadi, CCR5 Δ 32 mutation is not prevalent in Iranians with chronic HBV infection, *Journal of medical virology*, 85 (2013) 964-968.
- [8] N. Zainodini, G. Hassanshahi, M.K. Arababadi, **H. Khorramdelazad**, A. Mirzaei, Differential Expression of CXCL1, CXCL9 CXCL10 and CXCL12 Chemokines in Alopecia Areata, *Iranian Journal of Immunology*, 10 (2013) 40.
- [9] F. Ayoobi, G. Hassanshahi, N. Zainodini, **H. Khorramdelazad**, M.K. Arababadi, D. Kennedy, Reduced expression of TRIF in chronic HBV infected Iranian patients, *Clinics and research in hepatology and gastroenterology*, 37 (2013) 491-495.
- [10] **H. Khorramdelazad**, G. Hassanshahi, B.N. Ahmadabadi, M.K. Arababadi, High serum levels of TGF- β in Iranians with chronic HBV infection, *Hepatitis monthly*, 12 (2012).
- [11] S.R. Moosavi, **H. Khorramdelazad**, M. Amin, S. Fatahpour, M. Moogooei, M.N. Karimabad, M.J. Paghale, A. Vakilian, G. Hassanshahi, The SDF-1 3'A Genetic Variation Is Correlated with Elevated Intra-tumor Tissue and Circulating Concentration of CXCL12 in Glial Tumors, *Journal of Molecular Neuroscience*, 50 (2013) 298-304.
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- [14] F. Aminzadeh, Z. Ghorashi, S. Nabati, M. Ghasemshirazi, M.K. Arababadi, A. Shamsizadeh, M.N. Karimabad, **H. Khorramdelazad**, S. Darakhshan, G. Hassanshahi, Differential Expression of CXC Chemokines CXCL10 and CXCL12 in Term and Pre-term Neonates and Their Mothers, *American Journal of Reproductive Immunology*, 68 (2012) 338-344.
- [15] B.N. Ahmadabadi, G. Hassanshahi, **H. Khorramdelazad**, V. Mirzaei, S.M.A. Sajadi, M. Hajghani, H. Khodadadi, R. Pourali, M.K. Arababadi, D. Kennedy, Downregulation of CCR5 expression on the peripheral blood CD8+ T cells of southeastern Iranian patients with chronic hepatitis B infection, *Inflammation*, 36 (2013) 136-140.
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of the chemokine SDF-1 α (CXCL12) in parallel with its increased circulating levels is associated with susceptibility to MS: a study on Iranian multiple sclerosis patients, *Journal of Molecular Neuroscience*, 47 (2012) 431-436.

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- [29] S.H. Abdollahi, F. Ayoobi, **H. Khorramdelazad**, B.N. Ahmadabadi, M. Rezayati, M.K. Arababadi, M. Zare-Bidaki, Levels of Transforming Growth Factor-Beta After Immunization of Mice With in vivo prepared Toxoplasma gondii Excretory/Secretory Proteins, *Jundishapur journal of microbiology*, 8 (2015).
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- [32] **H. Khorramdelazad**, H. Rohani, A. Jafarzadeh, M. Hajizadeh, G. Hassanshahi, Role of S100A12/RAGE axis in eccentric exercise-induced delayed-onset muscle soreness in male non-athletes, *Sport Sciences for Health*, 11 (2015) 345-349.
- [33] J. Fathalizadeh, V. Bagheri, **H. Khorramdelazad**, M.K. Arababadi, A. Jafarzadeh, M. Mirzaei, A. Shamsizadeh, M. Hajizadeh, Induction of apoptosis by pistachio (*Pistacia vera* L.) hull extract and its molecular mechanisms of action in human hepatoma cell line HepG2, *Cellular and molecular biology (Noisy-le-Grand, France)*, 61 (2015) 128.
- [34] **H. Khorramdelazad**, V. Bagheri, G. Hassanshahi, M. Zeinali, A. Vakilian, New insights into the role of stromal cell-derived factor 1 (SDF-1/CXCL12) in the pathophysiology of multiple sclerosis, *Journal of neuroimmunology*, 290 (2016) 70-75.
- [35] V. Bagheri, G. Hassanshahi, M. Zeinali, M. Abedinzadeh, **H. Khorramdelazad**, Elevated levels of S100A12 in the seminal plasma of infertile men with varicocele, *International urology and nephrology*, 48 (2016) 343-347.
- [36] M. Moogooei, M. Shamaei, **H. Khorramdelazad**, S. Fattahpour, S.M. Seyedmehdi, M. Moogooei, G. Hassanshahi, B.K. Khandani, The Intricate Expression of CC Chemokines in Glial

Tumors: Evidence for Involvement of CCL2 and CCL5 but Not CCL11, *Acta Medica Iranica*, 53 (2015) 770-777.

[37] Z. Ahmadi, G. Hassanshahi, **H. Khorramdelazad**, N. Zainodini, L. Koochakzadeh, An Overlook to the Characteristics and Roles Played by Eotaxin Network in the Pathophysiology of Food Allergies: Allergic Asthma and Atopic Dermatitis, *Inflammation*, DOI (2016) 1-15.

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[39] A. Jafarzadeh, S.-V. Azizi, M. Nemati, **H. Khorramdel-Azad**, A. Shamsizadeh, F. Ayoobi, Z. Taghipour, Z.-M. Hassan, Ginger Extract Reduces the Expression of IL-17 and IL-23 in the Sereand Central Nervous System of EAEMice, *Iranian Journal of Immunology*, 12 (2015) 288.

[40] M. Zeinali, A. Hadian Amree, **H. Khorramdelazad**, H. Karami, M. Abedinzadeh, Inflammatory and anti-inflammatory cytokines in the seminal plasma of infertile men suffering from varicocele, *Andrologia*, DOI (2016).

[41] A. Vakilian, **H. Khorramdelazad**, P. Heidari, Z.S. Rezaei, G. Hassanshahi, CCL2/CCR2 signaling pathway in glioblastoma multiforme, *Neurochemistry International*, 103 (2017) 1-7.

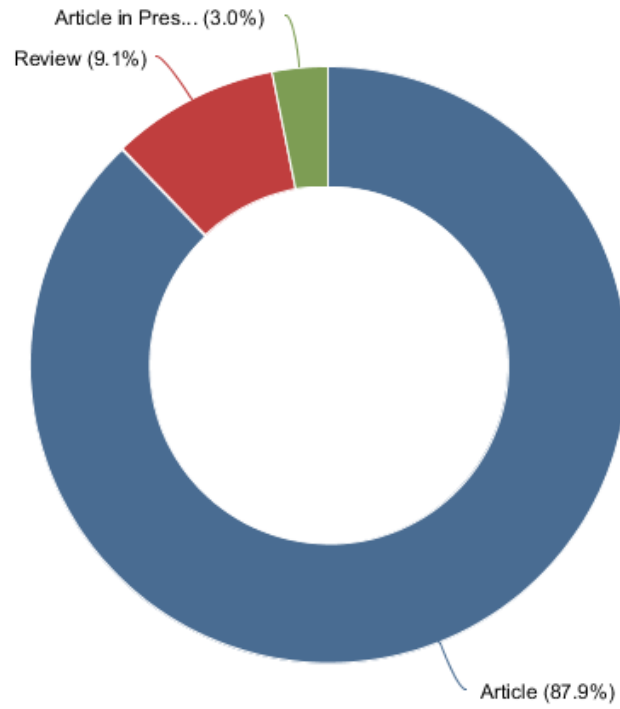
[42] V.T. Ferdousie, M. Mohammadi, G. Hassanshahi, **H. Khorramdelazad**, S.K. Falahati-pour, M. Mirzaei, M.A. Tavakoli, Z. Kamiab, Z. Ahmadi, R. Vazirinejad, Serum CXCL10 and CXCL12 chemokine levels are associated with the severity of coronary artery disease and coronary artery occlusion, *International Journal of Cardiology*, 233 (2017) 23-28.

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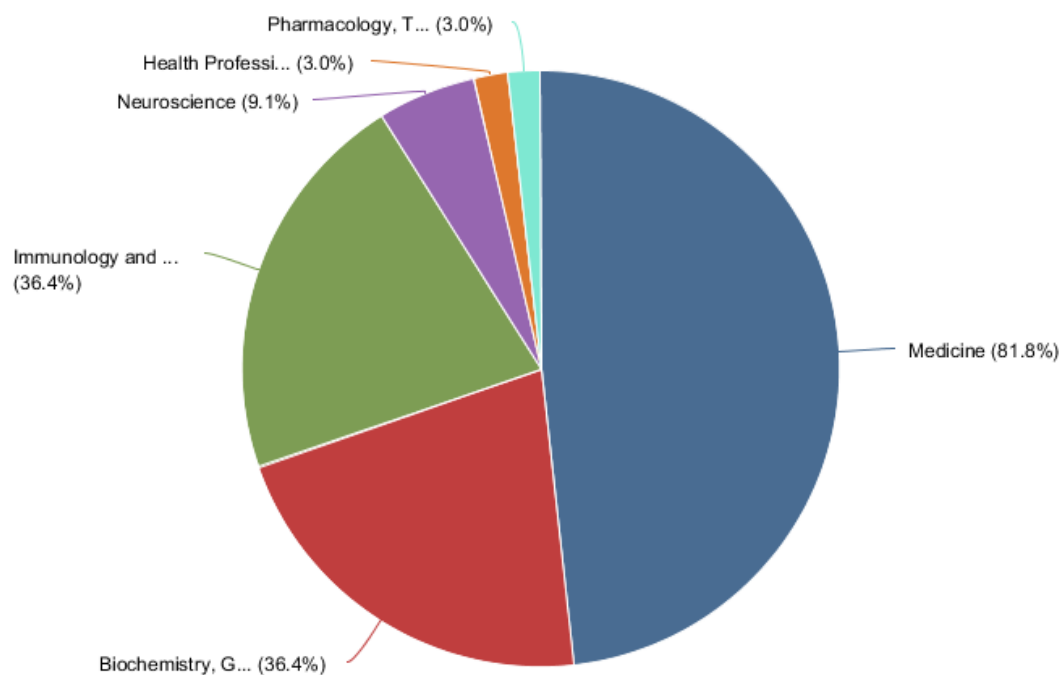
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