

In the name of God

Mohammad Kazemi Arababadi



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EDUCATION:

2006- To 2009 PhD in Immunology: “Evaluation of probable mechanisms of establishment of occult HBV infections and assessment of some immune system parameters in these patients” *“Tarbiat Modares University”* Tehran, Iran

2003- 2006 M. Sc in Immunology, evaluation of occult HBV infection in HBsAg negative and anti-HBc positive blood donors *“Isfahan University of Medical Sciences”* Isfahan-Iran.

1999- 2003 B. Sc in laboratory sciences *“Kerman University of Medical Sciences”* Kerman-Iran.

RESEARCH SKILLS:

- DNA and RNA extraction from all cell systems
- Thorough knowledge of PCR and Sequencing, RT-PCR, RFLP.
- Experienced in utilizing Flow Cytometry
- Experienced in isolation of peripheral blood mononuclear cells
- Experiences in ELISA

RESEARCH EXPERIENCE:

PhD Research: Evaluation of probable mechanisms of establishment of occult HBV infections and assessment of some immune system parameters in these patients “*Tarbiat Modares University*”

Masters Research: evaluation of occult HBV infection in HBsAg negative and anti-HBc positive blood donors.

WORK EXPERIENCE:

2005-todate Lecturer at the Rafsanjan University of Medical Sciences, Rafsanjan-Iran.

Apr 2002- Oct 2005 working in training hospitals of medical school, Rafsanjan University of Medical Sciences, Rafsanjan-Iran.

TRAINING COURSES:

Research training modules in: Light Microscopy, Flow Cytometry, PCR techniques, Real-Time PCR, SRID, ELISA, Cell culture, Western blotting and RFLP.

Published Papers:

1. Ali Ravari, Tayebeh Mirzaei, Derek Kennedy, **Mohammad Kazemi Arababadi (Corresponding author)**. Chronoinflammaging in Alzheimer; A systematic review on the roles of toll like receptor 2. *Life Sci.* 2017; Article in press.
2. Mohammad Zare-Bidaki, Shokrollah Assar, Hamid Hakimi, Seyed Hossein Abdollahi, Reza Nosratabadi, Derek Kennedy, **Mohammad Kazemi Arababadi (Corresponding author)**. TGF- β in Toxoplasmosis: Friend or foe? *Cytokine.* 2016 Oct;86:29-35.
3. Azam Askari, Reza Nosratabadi, Mahdi Khaleghinia, Nahid Zainodini, Derek Kennedy, Ziba Shabani, **Mohammad Kazemi Arababadi (Corresponding author)**. Evaluation of NLRC4, NLRP1, and NLRP3, as Components of Inflammasomes, in Chronic Hepatitis B Virus-Infected Patients. *Viral Immunology.* 2016; 29 (9): 496-501.

4. Zahra Sepehri, Zohre Kiani, Seyed Moayed Alavian, **Mohammad Kazemi Arababadi (Corresponding author)**, Derek Kennedy. The link between TLR7 signaling and hepatitis B virus infection. *Life Sci.* 2016 158: 63-69.
5. Elham Hakimzadeh, ALi Shamsizadeh, Ali Roohbakhsh, Mohammad Allahtavakoli. The Possible Role of Toll-Like Receptor 4 in the Pathology of Stroke. *Neuroimmunomodulation*. 2016 Jun 9. In press.
6. Maryam Ebrahim, Vahid Mirzaei, Reza Bidaki, Zahra Shabani, Hamid Daneshvar, Masoud Karimi-Googheri, Mehdi Khaleghinia, Mohammadreza Afrooz, Yaser Yousefpoor, **Mohammad Kazemi Arababadi (Corresponding author)**. Are RIG-1 and MDA5 Expressions Associated with Chronic HBV Infection? *Viral Immunol.* 2015 Nov;28(9):504-8.
7. Azam Askari, Gholam Hossein Hassanshahi, Seyed Razi Ghalebi, Abdollah Jafarzadeh, Maryam Mohit, Masomeh Hajghani, **Mohammad Kazemi Arababadi (corresponding author)**. Intensity of HLA-A2 Expression Significantly Decreased in Occult Hepatitis B Infection. *Jundishapur J Microbiol.* 2014 June; 7(6): e10298.
8. Azam Askari, Hamid Hakimi, Behzad Nasiri Ahmadabadi, Gholamhossein Hassanshahi, Mohammad Kazemi Arababadi **(corresponding author)**. Prevalence of Hepatitis B Co-Infection among HIV Positive Patients: Narrative Review Article. *Iranian journal of Public Health*, 2014; 43 (6): 705-712.
9. Mohammad Zare Bidaki, Tsukiyama-Kohara K, **Mohammad Kazemi Arababadi (corresponding author)**. Toll-like receptor 4 and hepatitis B infection: molecular mechanisms and pathogenesis. *Viral Immunol* 2014 Sep;27(7):321-6.
10. Ali Shahrakyvahed, Javad Sanchooli, Nima Sanadgol, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. TLR9: an important molecule in the fight against hepatitis B virus. *Postgrad Med J.* 2014 Jul;90(1065):396-401
11. **Mohammad Kazemi Arababadi**, Mohammad Zare Bidaki, Derek Kennedy. IL-17A in hepatitis B infection; friend or foe? *Archives of Virology*, 2014 Aug;159(8):1883-8.
12. Masoud Karimi-Googheri, **Mohammad Kazemi Arababadi (corresponding author)**. TLR3 plays significant roles against hepatitis B virus. *Molecular Biology Report*, 2014 May;41(5):3279-86..
13. Vahid Bagheri, Azam Askari, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. Can Toll-Like Receptor (TLR) 2 be considered as a new target for immunotherapy against hepatitis B infection? *Human Immunology*, 2014 Jun;75(6):549-54..

14. Mohammad Zare-Bidaki, Hamid Hakimi, Seyyed Hossein Abdollahi, Nahid Zainodini, **Mohammad Kazemi Arababadi (corresponding author)**. TLR4 in Toxoplasmosis; friends or foe? *Microbial Pathogenesis*, 2014 Apr-May;69-70:28-32.
15. Mohammad Momeni, Gholamhossein Hassanshahi, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. Ectopic expression of micro-RNA-1, 21 and 125a in the peripheral blood immune cells is associated with chronic HBV infection. *Molecular Biology Reports*; 2014 Jul;41(7):4833-7.
16. Hamid Hakimi, Mohammad Zare-Bidaki, Nahid Zainodini, Shokrollah Assar, **Mohammad Kazemi Arababadi (corresponding author)**. Significant Roles Played by IL-10 in Chlamydia Infections. *Inflammation*. 2014 Jun;37(3):818-23
17. Javad Sanchooli, Nima Sanadgol, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. CCR5 plays important roles in hepatitis B infection. *Viral Immunology*. 2014 Feb;27(1):2-6.
18. Maryam Dadmanesh, Khodayar Ghorban, Gholamhossein Hassanshahi, Mohammad Moemeni, **Mohammad Kazemi Arababadi (corresponding author)**. Current information regarding association of IL-12 and hepatitis B infection. *Clinical laboratory*, 2014;60(2):185-91.
19. Masoud Karimi-Googheri, Reza Nosratabadi, Mohammad Zare-Bidaki, **Mohammad Kazemi Arababadi (corresponding author)**. Important roles of TGF- β in hepatitis B infection. *Journal of Medical virology*, 2014 Jan;86(1):102-8.
20. Hossein Khorramdelazad, Elham Hakimizadeh, Gholamhossein Hassanshahi, Mohammadtaghi Rezayati, Hossein Sendi, **Mohammad Kazemi Arababadi (corresponding author)**. CCR5 Δ 32 mutation is not prevalent in Iranians with chronic HBV infection. *Journal of Medical Virology*, 2013;85(6):964-8.
21. Fateme Ayoobi, Gholamhossein Hassanshahi, Nahid Zainodini, Hossein Khorramdelazad, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. Reduced expression of TRIF in chronic HBV infected Iranian patients. *Clinical and Research in Gastroenterology and Hepatology*, 2013 Nov;37(5):491-5.
22. Seyyed Mohammad Ali Sajadi, Vahid Mirzaei, Gholamhossein Hassanshahi, Hossein Khorramdelazad, Hassan Yousefi Daredor, Seyyed Mohammad Hossein Hosseini, Ali Ravary, **Mohammad Kazemi Arababadi (corresponding author)**.

Down-regulation of TLR9 and its signaling molecules in chronic HBV infected patients. Archives of Pathology and Laboratory Medicine, 2013 Nov;137(11):1674-9.

23. Mojgan Noroozi Karimabad, **Mohammad Kazemi Arababadi (corresponding author)**, Gholamhossein Hassanshahi. Controversial concepts regarding T Helper 1 and T Helper 2 Cytokines in Hepatitis C Virus Infected Patients. Hepatitis Monthly, 2013;13(5):e8067.
24. Mohammad Momeni, Nahid Zainodini, Reza Bidaki, Gholamhossein Hassanshahi, Hamid Daneshvar, Mehdi Khaleghinia, Maryam Ebrahim, Masoud Karimi-Googheri, Azam Askari, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. Decreased expressions of toll like receptors signaling molecules in chronic HBV infected patients. Human Immunology, 2013; 137(11):1674-9.
25. Mojgan Noroozi Karimabad, Gholamhossein Hassanshahi, **Mohammad Kazemi Arababadi (corresponding author)**. Controversial report regarding seroprevalence of hepatitis B and C viruses among hemodialysis patients in Kerman province, South-East Iran. Hepatitis Monthly, 2013 Mar 13;13(3):e7046.
26. Behzad Nasiri Ahmadabadi, Gholamhossein Hassanshahi, Hossein Khoramdelazad, Vahid Mirzaei, Seyed Mohammad Ali Sajadi, Masomeh Hajghani, Hassan Khodadadi, Reza Pourali, **Mohammad Kazemi Arababadi (corresponding author)**. Down-regulation of CCR5 expression on the peripheral blood CD8+ T cells of South-Eastern Iranian patients with chronic hepatitis B infection. Inflammation, 2013 Feb;36(1):136-40.
27. Mojgan Noroozi, Elham Hakimizedeh, Gholamhossein Hassanshahi, Hassan Yousefi, Mahmood Nazari, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. Is the IL-10 promoter polymorphism at position -592 associated with immune system related diseases? Inflammation. 2013; 36(1):35-41..
28. Seyed Hossein Abdollahi, Fateme Ayoubi, Hossein Khorramdelazad, Behzad Nasiri Ahmadabadi, Mohammadtaghi Rezayati, **Mohammad Kazemi Arababadi (corresponding author)**. Interleukin-10 serum levels after vaccination with in vivo prepared Toxoplasma gondii excreted/secreted antigens. Oman Medical Journal, 2013 Mar;28(2):112-5.
29. Khodayar Ghorban, Maryam Dadmanesh, Gholamhossein Hassanshahi, Mohammad Moemeni, **Mohammad Kazemi Arababadi (corresponding author)**, Derek Kennedy. Is CCR5 Δ mutation associated with immune system related diseases? Inflammation, 2013 Jun;36(3):633-42.

30. Shokrollah Assar, **Mohammad Kazemi Arababadi (corresponding author)**, Maryam Mohit, Behzad Nasiri Ahmadabadi, Paul Pumpens, Hossein Khorramdelazad, Masomeh Hajghani, Majid Araste, Zohre Nekhei, Hossein Sendi. T helper and B cell escape mutations of HBc gene in asymptomatic HBV infection: a study from southeastern of Iran. *Clinical Laboratory*, 2012; 58:53-60.
31. Hossein Khorramdelazad, Gholamhossein Hassanshahi, Behzad Nasiri, **Mohammad Kazemi Arababadi (corresponding author)**. High serum levels of TGF-beta in Iranians with chronic HBV infection. *Hepatitis Monthly*; 2012 Nov;12(11):e7581.
32. **Mohammad Kazemi Arababadi**, Reza Mosavi, Hossein Teimori, Ali Ravari Gholamhossein Hassanshahi. Association of IL-4 polymorphisms with multiple sclerosis in south-eastern Iranian patients. *Annals of Saudi Medicine*, 2012; 32(2): 127-30.
33. **Mohammad Kazemi Arababadi**, Mohammad Reza Mirzaei, Seyed Mohammad Ali Sajadi, Gholamhossein Hassanshahi, Behzad Nasiri Ahmadabadi, Vajihe Akbarpour Salehabadi, Reza Derakhshan, Derek Kennedy. Interleukin (IL)-10 gene polymorphisms is associated with type 2 diabetes with and without nephropathy: a study of patients from the South-East region of Iran. *Inflammation*. 2012; 35(3): 818-21
34. **Mohammad Kazemi Arababadi**, Behzad Nasiri Ahmadabadi, Derek Kennedy. Current information on the immunological status of occult hepatitis B infection. *Transfusion* 2012; 52(8):1819-26.
35. **Mohammad Kazemi Arababadi**, Fariba Aminzadeh, Gholamhossien Hassanshahi, Hossein Khorramdelazad, Mojgan Nouroozi, Ebrahim Rezazadeh Zarandi, Mohammadtaghi Rezayati, Derek Kennedy Cytokines in Preterm Delivery. *LabMedicine*. 2012; 43 (4): 131- 134.
36. **Mohammad Kazemi Arababadi**, Behzad Nasiri Ahmadabadi, Derek Kennedy. Epidemiology of occult hepatitis B infection among thalassemic, hemophilia, and hemodialysis patients. *Hepatitis Monthly*, 2012; 12(5): 315-9.
37. Shokrollah Assar, **Mohammad Kazemi Arababadi (corresponding author)**, Behzad Nasiri Ahmadabadi, Mansoor Salehi, Derek Kennedy. Occult HBV infection: a global challenge for medicine. *Clinical Laboratory*. 2012;58(11-12):1225-30.

REFERENCES:

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