

Curriculum vitae (CV)



Name: Tohid kazemi

Date/place of Birth: 6 Jan 1978, Tabriz, Iran

Gender: Male

Marital Status: Married

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Education

- Ph.D. of Immunology, Tehran University of Medical Sciences, Tehran, Iran (2005-2011)
- Ms.C. of Immunology, Iran University of Medical Sciences, Tehran, Iran (2001-2004)

- Bs.C. of Medical Laboratory Sciences, Tabriz University of medical Sciences, Tabriz, Iran (1996-2000)

Computer Skills

- General computer skills, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, SPSS, and EndNote Software

Technical skills

- Diagnostic methods in the fields of clinical hematology, biochemistry, mycology, serology, microbiology and parasitology (Medical laboratory)
- Flow cytometry, Antibody purification, Western blot, Electrophoresis, Cell culture, Hybridoma technique and production of monoclonal antibody, ELISA, PCR, RT-PCR, Gene cloning, Production of chimeric antibody, LTT, Animal studies, Eukaryotic and prokaryotic gene expression

Teaching activities

- Advanced immunology for Ms.C. students of immunology, Tabriz university of Medical Sciences, International Branch of Aras (2011-)
- Advanced immunology for Ms.C. students of immunology, Tabriz university of Medical Sciences (2011- to now)
- Advanced immunology for Ms.C. students of Microbiology, Tabriz university of Medical Sciences (2011- to now)
- Advanced immunology for Ms.C. students of Hematology, Tabriz university of Medical Sciences (2011- to now)
- Advanced immunology for Ms.C. students of Biochemistry, Tabriz university of Medical Sciences (2011- to now)
- Practical immunology for Ms.C. students of Biotechnology, Tabriz university of Medical Sciences (2011- to now)

- Practical immunology for Ms.C. students of Immunology, Tabriz university of Medical Sciences, International Branch of Aras (2011- to now)
- General immunology for MD students, Tabriz university of Medical Sciences, international Branch of Aras (2011- to now)
- General immunology for Phrm.D students, Tabriz university of Medical Sciences, (2011- to now)
- General immunology for MD students, Qum University of medical Sciences (2009-2010)
- General immunology for students of Medical Laboratory Sciences, Tehran university of Medical Sciences (2006-2011)

Professional membership

- Member of Iranian society of Immunology
- Member of the European Association for Cancer Research (EACR)

Workshops (as lecturer and Scientific Chair)

1. Advanced course in immunology, 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014
2. Production of monoclonal antibodies, 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014
3. International workshops on monoclonal antibody production for researchers. Immunology Research Center, Tabriz University of medical Sciences, 2013
4. Molecular Therapy of Cancer, 21st International Iranian Congress of Physiology & Pharmacology, Tabriz, Iran, 2013
5. Production of chimeric antibodies, 11th International Congress of Immunology & Allergy of Iran, Tehran, Iran, 2012.
6. Production of chimeric antibodies, Tabriz University of medical Sciences, Tabriz, Iran, 2011

Congresses (International)

1. Behzad Baradaran, Jafar Majidi, **Tohid Kazemi**, Leili Aghebati Maleki and Mona Orangi. Anti-tumor effects of heat shock proteins, Bacillus Calmette-Guérin, angiogenesis inhibitor, Bifidobacterium and Immuno-Modulator Drug on fibrosarcoma in mice. 15th International Congress of Immunology, Milan, Italy, 2010. (Poster Presentation).
2. Mona Orangi, Behzad Baradaran, Ardalan Pasharan, **Tohid Kazemi**, Behnaz Sadat Hosseini, Leila Mohammadnejad. Cytotoxic effect of methanolic fractions of *Scrophularia oxypetala* on MCF-7 human breast cancer cell line. 15th International Congress of Immunology, Milan, Italy, 2010. (Poster Presentation).
3. Elham Safarzadeh¹, Behzad Baradaran, Abbas Delazar, **Tohid Kazemi**, Mona Orangi, Solmaz Esnaashari, Dariush Shanehbandi. In vitro cytotoxic effects of dichloromethane extract of *Scrophularia atropatana* on WEHI-164 cells. 15th International Congress of Immunology, Milan, Italy, 2010. (Poster Presentation).
4. **Tohid Kazemi**, Hossein Asgarian-Omran, Mahdi Shabani, Jalal Khoshnoodi, Azam Roohi, Hodjatallah Rabbani, Fazel Shokri. Fc Receptor-like (FCRL) 1-5 Gene Expression Profiling in Burkitt's Lymphoma Cell Lines. 14th International Congress of Immunology, Kansai, Japan, 2010. (Poster Presentation).
5. **Tohid Kazemi**, Hossein Asgarian-Omran, Mohammad Hojjat Farsangi, Ramazan-Ali Sharifian, Seyyed Mohsen Razavi, Hodjatallah Rabbani, Fazel Shokri. The expression profile of FcRH1-5 molecules in the leukemic B-cells from Iranian patients with chronic lymphocytic leukemia. 13th International Congress of Immunology, Rio De Janeiro, Brazil, 2007. (Poster Presentation).

Congresses (Domestic)

1. Mohammad Sajay-asbaghi, Mahnaz Sadeghi-shabestrai, **Tohid Kazemi**, Amir Monfaredan, Narges Seyfizadeh, Alireza Razavi. Association of Siglec-8 Single

Nucleotide Gene Polymorphisms (SNPs) with Allergic Asthma. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

2. Narges Seyfizadeh, **Tohid Kazemi**, Zohreh Babaloo, Mohammad reza Aliparasty, Mahdi Farhoudi, Shohreh Almasi. IL-13 rs20541 (2044A>G) Single Nucleotide Polymorphism in Iranian Patients with Multiple Sclerosis. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

3. Zahra Moradinebrin, Jafar Majidi, Leili Agebati, Somayye Dadashi, Majid Ahmadi, Sadegh Eivazi, Jalal Abdolalizadeh, **Tohid Kazemi**, Maeemeh Majidi. Purification of mouse IgG2a subclass. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

4. Jafar Majidi, Behzad Baradaran, Leili AghebatiMaleki, Mehdi Yousefi, **Tohid Kazemi**, Jalal Abdolalizadeh, Ali Akbar Movassaghpour. Production of anti-CD14 monoclonal antibody using synthetic peptide of human CD14. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

5. Leili Aghebati Maleki, Jafar Majidi, Behzad Baradaran, Mehdi Yousefi, **Tohid Kazemi**, Dariush Shanehbandi, Mona Orangi. Production and characterization of a monoclonal antibody against CD11b. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

6. Elham Safarzadeh, Behzad Baradaran, Abbas Delazar, **Tohid Kazemi**, Dariush Shanehbandi, Mona Orangi, Esnaashari. Methanolic extract of Scrophularia atropatana induce apoptosis. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

7. Faezeh Naderi, **Tohid Kazemi**, Fatemi, Saeed Zarei, Kamali, Mahmoud Jeddi Tehrani, Farah Idali. Association between polymorphisms of Foxp3 gene and unexplained recurrent spontaneous abortion in an Iranian population. 12th

International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

8. Fatemeh Zamani, **Tohid Kazemi**, Mohammadreza Aliparasti, Shohreh Almasi, Ali Akbar Aliasgharzadeh⁴, Leili Yazdchi marandi, Homayoun Sadeghi-bazargani , Adel Mesri. Association between Interleukin 27 gene polymorphism and risk of type1 diabetes in the Azerbaijan, Northwest Iran. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

9. Behnaz Hosseini, Behzad Baradaran, Ali Pasdaran, Jafar Majidiz Zolbanin, **Tohid Kazemi**, MonaOrangi , Dariush Shanehbandi. Cytotoxic Effect of Dichloromethane Fractions of Scrophularia oxysepala on MCF-7 Human Breast Cancer Cells. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

10. Mona Orangi , Behzad Baradaran, **Tohid Kazemi**, Ali Pasdaran, Behnaz Hosseini, Dariush Shanehbandi, Maryam Darayee. Assessing the cytotoxic and apoptotic effect of methanolic fractions of Scrophularia oxysepala on MCF-7 cancer cell lines. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

11. **Tohid Kazemi**. Novel Platforms in Antibody Engineering. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Oral Presentation).

12. Farzaneh Shafaghat, Hajar Abbasi-Kenarsari, Ali Aakbar Movassaghpour, Jafar Majidi, **Tohid Kazemi**. Ectopic Stable Expressing the cDNA Coding for Human CD34 in NIH-3T3 Cell Line. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

13. Hamed Salehi-Lalemarzi, Farzaneh Shafaghat, Hajar Abbasi-Kenarsari, Behzad Baradaran, Ali Akbar Movassaghpour, **Tohid Kazemi**. Production of Stable human CD31-expressing Mouse Fibroblast NIH-3T3 Cell Line. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

14. Hajar Abbasi-Kenarsari , Farzaneh Shafaghat , Jafar Majidi, Behzad Baradaran, **Tohid Kazemi**. Stable Expressing the Human CD19 Full-length cDNA in Mouse

Fibroblast Cell Line. 12th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2014 (Poster Presentation).

15. Narges Seyfizadeh, **Tohid Kazemi**, Zohreh Bbabaloo, Mohhamdreza Aliparasty, Mehdi Farhoudi. IL-13 (Interleukin-13) -1512C>A Single Nucleotide Polymorphism Confers the Susceptibility of Iranian Population to MS. 6Th International Iranian Congress of Laboratory and Clinic. Tehran, Iran, 2014 (Oral presentation).

16. Hamed Salehi-Lalemarzi, Farzaneh Shafaghat, Hajar Abbasi-Kenarsari, Behzad Baradaran, AliAakbar Movassaghpour, **Tohid Kazemi**. First step for preparing immunogen for production of anti-angiogenesis antibodies: cloning of human CD31 cDNA. 21st International Iranian Congress of Physiology & Pharmacology, Tabriz, Iran, 2013 (Poster Presentation).

17. Hajar Abbasi-Kenarsari, Hamed Salehi-Lalemarzi, Farzaneh Shafaghat, Jafar Majidi, Behzad Baradaran, **Tohid Kazemi**. Cloning of human CD19 cDNA for preparing immunogen and subsequent production of therapeutic monoclonal antibodies. 21st International Iranian Congress of Physiology & Pharmacology, Tabriz, Iran, 2013 (Poster Presentation).

18. Fatemeh Zamani, **Tohid Kazemi**, Momahammad Reza Aliparasti, Shohreh Almasi, A. Aliasgarzadeh, Leili Yazdchi-Marandi, Adel Mesri. No association between Interleukin 27 promoter gene polymorphism and risk of type1 diabetes in the Azerbaijan, Northwest Iran. 1st Tabriz International I Life Science Conference, Tabriz, Iran, 2013. (Poster Presentation).

19. **Tohid Kazemi**, Fathollah Tahmasebi, Ali Ahmad Bayat, Neda Mohajer, Jalal Khoshnoodi, Mahmood Jeddi-Tehrani, Hodjatallah Rabbani, Fazel Shokri. Characterization of Novel Murine Monoclonal Antibodies Directed Against the Extracellular Domain of Human HER2 Tyrosine Kinase Receptor. 11th International Congress of Immunology & Allergy of Iran, Tehran, Iran, 2012. (Oral Presentation).

20. **Tohid Kazemi**, Hossein Asgarian-Omran, Mahdi Shabani, Jalal Khoshnoodi, Azam Roohi, Hodjatallah Rabbani, Fazel Shokri. Fc Receptor-like (FCRL) 1-5 Gene

Expression Profiling in Burkitt's Lymphoma Cell Lines. 10th International Congress of Immunology and Allergy of Iran, Tehran, Iran, 2010. (Poster Presentation).

21. Tohid Kazemi, Hossein Asgarian-Omran, Ali Memarian, Mahdi Shabani, Ramazan-Ali Sharifian, Parvaneh Vosough, Bita Ansaripour, Hodjatallah Rabbani, Fazel Shokri. Low representation of Fc receptor-like 1–5 molecules in leukemic cells from Iranian patients with acute lymphoblastic leukemia 9th Iranian congress of immunology and allergy, Tehran, Iran, 2008. (Oral Presentation).

Publications

1. The correlation between *Toxoplasma gondii* infection and Parkinson's disease: a case-control study. Mahami Oskouei M , Hamidi F, Talebi M, Farhoudi M, Taheraghdam A.A, **Kazemi T**, Sadeghi-Bazargani H, Fallah E. Journal of Parasitic Diseases. 2014. Article in press.
2. Association of IL-13 Single Nucleotide Polymorphisms in Iranian Patients to Multiple Sclerosis. Seyfizadeh N, **Kazemi T**, Farhoudi M, Aliparasti MR, Sadeghi-Bazargani H, Almasi S, Zohreh Babaloo. Manuscript, under review.
3. New approaches to the Immunotherapy of Type 1 Diabetes Mellitus Using Interleukin-27. Zamani F, Almasi Sh, **Kazemi T**, Jahanban Esfahlan R, Aliparasti MR. Advanced Pharmaceutical Bulletin. 2014. Article in press.
4. Cloning and Expression of CD19, a human B-Cell marker, in NIH-3T3 Cell line. Abbasi-Kenarsari H, Shafaghat F, Baradaran B, Movassaghpour AA, Shanehbandi D, **Kazemi T**. Avicenna Journal of Medical Biotechnology.2014. Article in press.
5. Cloning and Stable Expression of cDNA Coding For Platelet Endothelia Cell Adhesion Molecule -1 (PECAM-1, CD31) in NIH-3T3 Cell Line. Salehi-Lalemarzi H, Shanehbandi D, Farzaneh Shafaghat F, Abbasi-Kenarsari H, Baradaran B, Movassaghpour AA, **Kazemi T**. Advanced Pharmaceutical Bulletin. 2015. Article in press.

6. Preparation of proper immunogen by cloning and stable expression of cDNA coding for human hematopoietic stem cell marker CD34 in mouse fibroblast cell line NIH-3T3. Shafaghat F, Abbasi-Kenarsari H, Majidi J, Movassaghpour AA, Shanehbandi D, **Kazemi T**. *Advanced Pharmaceutical Bulletin*. 2015. Article in press.
7. IL-27 -964 A>G Single Nucleotide Polymorphism is Associated with Susceptibility to Type 1 Diabetes Mellitus in Azeri Population of Iran. Zamani F, Aliparasti MR, Almasi S, Aliasgharzadeh AA, Yazdchi-Marandi L, Sadeghi-Bazargani H, Mesri A, **Kazemi T**. Manuscript, under review.
8. In vitro assessment of the effects of anti-HER2 monoclonal antibodies on proliferation of HER2-overexpressing breast cancer cells. Tahmasebi F, **Kazemi T**, Amiri MM, Khoshnoodi J, Mahmoudian J, Bayat AA, Jeddi-Tehrani M, Rabbani H, Shokri F. *Immunotherapy*. 2014 Jan;6(1):43-9.
9. Construction and characterization of a new chimeric antibody against HER2. Amiri MM, Jeddi-Tehrani M, **Kazemi T**, Bahadori M, Maddah M, Hojjat-Farsanghi M, Khoshnoodi J, Rabbani H, Shokri F. *Immunotherapy*. 2013 Jul; 5(7):703-15.
10. Gene Therapy, Early Promises, Subsequent Problems, and Recent Breakthroughs. Razi Soofiyani s, Baradaran B, Lotfipour F, **Kazemi T**, Mohammadnejad L. *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 249-255.
11. Large Scale Generation and Characterization of Anti-Human CD34 Monoclonal Antibody in Ascetic Fluid of Balb/c Mice. Aghebati Maleki L, Majidi J, Baradaran B, Abdolalizadeh J, **Kazemi T**, Aghebati Maleki A, Sineh sepehr K. *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 211-216.
12. Characterization of novel murine monoclonal antibodies directed against the extracellular domain of human HER2 tyrosine kinase receptor. **Kazemi T**, Tahmasebi F, Bayat AA, Mohajer N, Khoshnoodi J, Jeddi-Tehrani M, Rabbani H, Shokri F. *Hybridoma (Larchmt)*. 2011 Aug;30(4):347-53.
13. Low representation of Fc receptor-like 1-5 molecules in leukemic cells from Iranian patients with acute lymphoblastic leukemia. **Kazemi T**, Asgarian-Omran H,

Memarian A, Shabani M, Sharifian RA, Vossough P, Ansaripour B, Rabbani H, Shokri F. *Cancer Immunol Immunother*. 2009 Jun;58(6):989-96. Epub 2008 Sep 19.

14. Fc receptor-like 1-5 molecules are similarly expressed in progressive and indolent clinical subtypes of B-cell chronic lymphocytic leukemia. **Kazemi T**, Asgarian-Omran H, Hojjat-Farsangi M, Shabani M, Memarian A, Sharifian RA, Razavi SM, Jeddi-Tehrani M, Rabbani H, Shokri F. *Int J Cancer*. 2008 Nov 1; 123(9):2113-9.

15. The Predictive Value of HLA-DR Matching and Cytokine Gene Polymorphisms in Renal Allograft Acute Rejection: a Living-unrelated Donor (LURD) Study. Tajik N, **Kazemi T**, Delbandi A, Ghods A, Salek Moghaddam A. *Iran J Immunol*. 2006 Dec;3(4):150-6.