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PERSONAL INFORMATION

Date of Birth: February 04, 1970
Nationality: Iranian
Marital status: Married

POSITIONS

- Professor of Immunology, Department of Immunology, Faculty of Medicine, Tabriz University of Medical Sciences
- The Head of Immunology department
- THE HEAD OF IMMUNOLOGY RESEARCH CENTER, Tabriz University of Medical Sciences

ADMINISTRATIVE EXPERIENCE

- The Head of Immunology department 2019- Present
- THE HEAD OF IMMUNOLOGY RESEARCH CENTER 2009- Present
- Boardman of Immunology 2019- Present
- Member of the Board of Directors of the Iranian Association of Immunology and Allergy 2019- Present
- The Head of Olympiad in Basic Sciences 2013-2016
- DEPUTY IMMUNOLOGY DEPARTMENT FOR EDUCATION 2009-2013

- The Head of Immunology lab in Imam Reza Hospital 2009-2014
- Executive Secretary of 13th international congress of Immunology and Allergy Tabriz, Iran 2016

EDUCATIONAL BACKGROUND

2016-2017	Fellowship in microRNA replacement Therapy, Diamantina Translational Research Institute, University of Queensland
2008-2009	Advanced courses on Gene Therapy of Cancer, University of Melbourne
2005 – 2010	Ph.D Immunology Tarbiat Modares University
2001- 2004	MSc Immunology Tarbiat Modares University
1994- 1998	Laboratory Medicine Tabriz University

EDUCATIONAL INFORMATION

1. 1st rank in national competition (2001)
2. Ph.D graduation score (17.25 out of 20)
3. MSc graduation score (17.6 out of 20)
4. MSc Thesis score (19.7 out of 20)
5. MSc Thesis title : Production of Monoclonal Anti body Against Human IgG In Balb/c Mouse And Comparison With Anti-IgG Standard
5. Ph.D Thesis title: Production of Monoclonal Anti-EGFR-recombinant PE38 Immunotoxin and Evaluation of its Effect on Induction of Apoptosis in Tumoral cell line

Awards

- 2020; Global top 1% Scientists according to ESI
- 2018; Top Researcher in Iran (Razi Festival)
- 2017; Top Researcher in East Azarbijan province (Tabriz, Iran)
- 2017; Top Researcher of Tabriz University of Medical Sciences (Tabriz, Iran)
- 2015; Top Technologist of Tabriz University of Medical Sciences (Tabriz, Iran)
- 2015; Top Professor of Tabriz University of Medical Sciences (Tabriz, Iran)
- 2014; Top Researcher of Tabriz University of Medical Sciences (Tabriz, Iran)
- 2013; Top Researcher of Tabriz University of Medical Sciences (Tabriz, Iran)

The major research areas

- Immunotherapy of cancers
- Genetherapy of cancers
- microRNA replacement therapy for cancers
- Immune checkpoints

SHORT COURSES & WORKSHOPS

- 7-8 April 2007 **Real Time PCR: principle and Applications workshop**
Biotechnology Research Center. Tabriz
- 3-5 Feb 2007 **Microbiological Methods Applied in DNA Manipulation and Gene Cloning**
Biotechnology Research Center. Tabriz
- 15-16 Dec2003 **Guaranty of Quality in Serological Lab**
Research Center of Reference Labs
- 1-2 May 2008 **Challenges in gene delivery for gene therapy applications**
By Enrico Mastrobattista in Tabriz International Medical Congress
- 2009-2010 **University Skills**
by EDC

PUBLICATIONS

A) JOURNAL PAPERS

1. **Production and characterization of monoclonal antibodies against human IgG in Balb/c mouse**, J. Majidi, **B. Baradaran**, Z.M. Hassan and A. Mostafaie, Human Antibodies 14 (2005) 1–5
2. **Large Scale Production and Characterization of Anti-Human IgG Monoclonal Antibody in Peritoneum of Balb/c MICE**, **B. Baradaran**, J.Majidi, ZM.hassan and J.Abdolalizadeh, American Journal of Biochemistry and Biotechnology 1 (4): 189-192, 2005
3. **Development and Characterization of Monoclonal Antibodies against Human Epidermal Growth Factor Receptor (EGFR) in Balb/c Mice**, **Behzad Baradaran**, Ahmad Zavaran Hosseini, Jafar Majidi, , Jaleh Barar, Safar Farajnia, Zohair Hassan Saraf , Jalal Abdolalizadeh and Yadollah Omid, Human Antibodies , 18 (2009) 11–16
4. **Target therapy of cancer: Implementation of monoclonal antibodies and nanobodies**, Jafar Majidi, Jaleh Barar, **Behzad Baradaran**, Jalal Abdolalizadeh and Yadollah Omid, Human Antibodies 18 (2009) 81–100
5. **Suppression of nitric oxide production in activated murine peritoneal macrophages invitro and exvivo by Scrophularia striata ethanolic extract**, Abbas Azadmehr, Afshin Afshari, **Behzad Baradaran**, Reza Hajiaghaee,

Shamsali Rezazadeh, Hamidreza Monsef-Esfahani, Journal of Ethnopharmacology 124 (2009) 166–169

6. **Interleukin-17A and Interleukin-17F mRNA Expression in Peripheral Blood Mononuclear Cells of Patients with Multiple Sclerosis.** Zohreh Babaloo, Farhad Babaie, Mehdi Farhoodi, Mohamad Reza Aliparasti, **Behzad Baradaran**, Shohreh Almasi and Ahmad Hoseini, Iran J Immunol 7(4):202-9 (2010)
7. **Recombinant expression and purification of L2 domain of human epidermal growth factor receptor,** Elnaz Salehi, Safar Farajnia, Kazem Parivar, **Behzad Baradaran**, Jafar Majidi , Yadollah Omidi and Nazli Saeedi, African Journal of Biotechnology, 9 (33), 5292-5296, (2010)
8. **Cytotoxic and Apoptotic Effects of Ornithogalum cuspidatum Methanolic Extract on WEHI-164 Fibrosarcoma Cancer Cell Line,** Samavati M, Babaloo Z, Delazar A, **Baradaran B**, Nazifee E, Mohammadi A, Movasahpour A, Pharmaceutical Sciences, 2010, Vol.16, No 3, 149-156
9. **Impacts of anti-EGFR monoclonal antibody in prostate cancer PC3 cells.** Alireza Rezaeiemanesh, Jafar Majidi, **Behzad Baradaran**, Aliakbar Movasaghpour, Ailar Nakhband, Jaleh Barar and Yadollah Omidi ,_Hum Antibodies, **19**(2):63-70 (2010)
10. **Evaluation of Lavandula officinalis Extract on Lymphocyte Proliferation and Tumor Necrosis Factor-alpha Production,** Azadmehr A, Hajiaghaee R, Rezazadeh Sh, Afshari A, Kiani amin M, **Baradaran B**, Ebrahimi P, Journal of medicinal Plants,2011,38(2),142-148
11. **Preparation of Chitosan-Plasmid DNA Nanoparticles Encoding interleukin-12 and their Expression in CT-26 Colon Carcinoma Cells,** Somayeh Hallaj-Nezhadi, Hadi Valizadeh, Siavoush Dastmalchi, **Behzad Baradaran**, Mohammad Barzegar Jalali,Faramarz Dobakhti, Farzaneh Lotfipour, J Pharm Pharmaceut Sci, 2011,14(2) 181 – 195
12. **Correlation between superoxide dismutase 1 gene expression with lactate dehydrogenase enzyme and free radicals in female athletes:effects of incremental intensity exercises,** Behzad Baradaran .Bakhtiar Tartibian .Behrouz Baghaiee .Amir Monfaredan, Tehran University Medical Journal, July 2012; Vol. 70, No. 4: 212-219
13. **Enhanced Radiosensitivity and Chemosensitivity of Breast Cancer Cells by 2-Deoxy-D-Glucose in Combination Therapy,** Fahimeh Aghaee, Jalil Pirayesh Islamian, **Behzaad Baradaran**, J Breast Cancer 2012 June; 15(2): 141-147
14. **Evaluation of cytotoxic effect of methanolic extract fractions of Ornithogalum cuspidatum on WEHI-164 fibrosarcoma cancer cell line,**

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15. **Downstream characterization of anti-TNF- α single chain variable fragment antibodies**, Jalal Abdolalizadeh, Mohammad Nouri, Jafar Majidi Zolbanin, **Behzad Baradaran**, Abolfazl Barzegari, Yadollah Omid, *Human Antibodies* 21 (2012) 41–48
 16. **Insights into Behçet's disease**, Fatemeh Zare Shahneh, Zohreh Babalo, **Behzad Baradaran**, Koushan Sineh Sepehr, *Postep Derm Alergol* 2012; XXIX, 6: 461-466
 17. **Dichloromethane and Methanol Extracts of *Scrophularia oxypala* Induces Apoptosis in MCF-7 Human Breast Cancer Cells**, Samira Valiyari, **Behzad Baradaran**, Abbas Delazar, Ardalan Pasdaran, Fateme Zare, *Advanced Pharmaceutical Bulletin*, 2012, 2(2), 223-231
 18. **Behçet's Syndrome in Iranian Azari People**, Fatemeh Zare Shahneh, Zohreh Babaloo, **Behzad Baradaran**, Fatemeh Hamzavi, Babak Bayazi, Ali Bandehagh, *Pakistan Journal of Biological Sciences*, 2012, 15(21):1045-1047
 19. **Development and characterization of monoclonal antibodies against human CD20 in Balb/c mice**, Koushan Sineh Sepehr, **Behzad Baradaran**, Jafar Majidi, Jalal Abdolalizadeh, Leili Aghebati, Fatemeh Zare Shahneh, *Human Antibodies* 21 (2012) 57–64
 20. **Inhibition of MEK/ERK1/2 Signaling Affects the Fatty Acid Composition of HepG2 Human Hepatic Cell Line**, Bahman Yousefi, Masoud Darabi, **Behzad Baradaran**, Mahmoud Shekari Khaniani, Mohammad Rahbani, Maryam Darabi, Shabnam Fayezi, Amir Mehdizadeh, Negar Saliyani, Maghsod Shaaker, *BioImpacts*, 2012, 2(3), 145-150
 21. **Tumor angiogenesis and anti-angiogenic Therapies**, Fatemeh Zare Shahneh, **Behzad Baradaran**, Fatemeh Zamani and Leili Aghebati-Maleki, *Human Antibodies* 00 (2013) 1–5
 22. **Studies on the Cytotoxic Activities of *Punica granatum L. var. spinosa* (Apple Punice) Extract on Prostate Cell Line by Induction of Apoptosis**, Koushan Sineh Sepehr, **Behzad Baradaran**, Masoumeh Mazandarani, Vahid Khorrami and Fatemeh Zare Shahneh, *ISRN Pharmaceuticals*, 2012, Article ID 547942, 6 pages
 23. **New Approach to Red Blood Cell Classification Using Morphological Image Processing**, Mojtaba Taherisadr, Mona Nasirzonouzi, **Behzad Baradaran**, Alireza Mehdizadeh, *Shiraz E-Medical Journal* Vol. 14, No. 1, January 2013
 24. **Recombinant Expression and Purification of *Pseudomonas aeruginosa* Truncated Exotoxin A in *Escherichia coli***, **Behzad Baradaran**, Safar

- Farajnia, Jafar Majidi, Yadollah Omid, Nazli Saeedi, *Pharmaceutical sciences*, 2013, 19(1), 31-34
25. **Production and characterization of murine monoclonal antibody against synthetic peptide of CD34**, Leili Aghebati Maleki, Jafar Majidi, **Behzad Baradaran**, Jalal Abdolalizadeh and Aliakbar Movassaghpour Akbari, *Human Antibodies* 00 (2013) 1–8
 26. **Future prospects of monoclonal antibodies as magic bullets in Immunotherapy**, Leili Aghebati Maleki, **Behzad Baradaran**, Jafar Majidia, Mozhdah Mohammadian and Fatemeh Zare Shahneh, *Human Antibodies* 00 (2013) 1–5
 27. **Isolation of Anti-Tumor Necrosis Factor-Alpha (TNF- α) scFv Antibody from Phage Antibody Library**, J. Abdolalizadeh, J. Majidi Zolbanin, M. Nouri, **B. Baradaran**, A. Barzgari, Y. Omid, *J Babol Univ Med Sci*, 15(3); May 2013
 28. **Production of Anti-CD14 monoclonal antibody using synthetic peptide of human CD14 as immunizing antigen**, Leili Aghebati Maleki¹, Dariush Shانهbandi¹, Jafar Majidi, Mehdi Yusefi, Jalal Abdolalizadeh, Mona Orangi and **Behzad Baradaran**, *Human Antibodies* 22 (2013) 67–71
 29. **Increased IL-17A but Decreased IL-27 Serum Levels in Patients with Multiple Sclerosis**, Zohreh Babaloo, Reza Khajir Yeganeh, Mehdi Farhoodi, **Behzad Baradaran**, Mohamadreza Bonyadi, Leili Aghebati, *Iran. J. Immunol.* March 2013, 10 (1), 47-54
 30. **Preparation and Characterization of Chitosan/ β -cyclodextrin Nanoparticles Containing Plasmid DNA Encoding Interleukin-12**, M. Nahaei , H. Valizadeh , **B. Baradaran** , M. R. Nahaei , D. Asgari , S. Hallaj-Nezhadi , S. Dastmalchi , F. Lotfi pour, *Drug Res (Stuttg)*, 2012; 62: 1–6
 31. **Inhibition of Growth and Induction of Apoptosis in Fibrosarcoma Cell Lines by Echinophora platyloba DC: In Vitro Analysis**, Fatemeh Zare Shahneh, Samira Valiyari, Abbas Azadmehr, Reza Hajiaghaee, Saeid Yaripour, Ali Bandehagh, and **Behzad Baradaran**, *Advances in Pharmacological Sciences*, Volume 2013, Article ID 512931, 7 pages
 32. **New Approaches in Immunotherapy of Behçet Disease**, Fatemeh Zare Shahneh, Mozhdah Mohammadian, Zohreh Babaloo, **Behzad Baradaran**, *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 9-11
 33. **Affinity Purification of Tumor Necrosis Factor- α Expressed in Raji Cells by Produced scFv Antibody Coupled CNBr-Activated Sepharose**, Jalal Abdolalizadeh, Jafar Majidi Zolbanin, Mohammad Nouri, **Behzad Baradaran**, AliAkbar Movassaghpour, Safar Farajnia, Yadollah Omid, *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 19-23

34. **Inhibitory and Cytotoxic Activities of Salvia Officinalis L. Extract on Human Lymphoma and Leukemia Cells by Induction of Apoptosis**, Fatemeh Zare Shahneh, Samira Valiyari, **Behzad Baradaran**, Jalal Abdolalizadeh, Ali Bandehagh, Abbas Azadmehr, Reza Hajiaghaee, *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 51-55
35. **Mass-Production and Characterization of Anti-CD20 Monoclonal Antibody in Peritoneum of Balb/c Mice**, Koushan Sineh Sepehr, **Behzad Baradaran**, Jafar Majidi, Jalal Abdolalizadeh, Leili Aghebati, Fatemeh Zare Shahneh, *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 109-113
36. **Large Scale Generation and Characterization of Anti-Human CD34 Monoclonal Antibody in Ascetic Fluid of Balb/c Mice**, Leili Aghebati Maleki, Jafar Majidi, **Behzad Baradaran**, Jalal Abdolalizadeh, Tohid Kazemi, Ali Aghebati Maleki, Koushan Sineh sepehr , *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 211-216
37. **Association of Expanded Disability Status Scale and Cytokines after Intervention with Co-supplemented Hemp Seed, Evening Primrose Oils and Hot-natured Diet in Multiple Sclerosis Patients**, Soheila Rezapour-Firouzi¹, Seyed Rafie Arefhosseini, Mehdi Farhoudi, Mehrangiz Ebrahimi-Mamaghani, Mohammad-Reza Rashidi, Mohammad-Ali Torbati, **Behzad Baradaran**, *BioImpacts*, 2013, X(X), X-X
38. **PPAR γ agonist-induced alterations in $\Delta 6$ -desaturase and stearyl-CoA desaturase 1: Role of MEK/ERK1/2 pathway**,Negar Saliani, Masoud Darabi, Bahman Yousefi, **Behzad Baradaran**, Mahmoud Shekari Khaniani, Maryam Darabi, Maghsod Shaaker, Amir Mehdizadeh, Tahereh Naji, Mehrdad Hashemi, *World J Hepatol* 2013 April 27; 5(4): 220-225
39. **Effect of IMOD™ on the inflammatory process after acute ischemic stroke: a randomized clinical trial**, Mehdi Farhoudi, Mahdi Najafi-Nesheli, Mazyar Hashemilar, Ata Mahmoodpoor, Ehsan Sharifipour, **Behzad Baradaran**, Aliakbar Taheraghdam, Daryoush Savadi-Oskouei, Homayoun Sadeghi-Bazargani¹, Elyar Sadeghi-hokmabadi, Hosein Akbari, Reza Rikhtegar, *DARU Journal of Pharmaceutical Sciences* 2013, 21:26
40. **Targeting Cytokines: Production and Characterization of Anti-TNF- α scFvs by Phage Display Technology**,_ Jalal Abdolalizadeh, Mohammad Nouri, Jafar Majidi Zolbanin, Abolfazl Barzegari, **Behzad Baradaran**, Jaleh Barar, George Coukos and Yadollah Omid, *Current Pharmaceutical Design*, 2013, 19, 000-000
41. **Development of Leptospira Killed Whole Culture Vaccine Using Different Adjuvants and Evaluation of Humoral Immune Response in Hamsters**, R. Banihashemi, **B. Baradaran**, M. Tebianian, J. Majidi, A. Jabbari, S. Jalali, H.mohammadpour, K. Tadayyon, M. Sekhavati, R. Ghaderi, G. shokri, *J Vaccines Vaccin*, 2013, 4:4

42. **Targeting Stat3 and Smad7 to restore TGF- β cytostatic regulation of tumor cells in vitro and in vivo**, RB Luwor, **B Baradaran**, LE Taylor, J Iaria, TV Nheu, N Amiry, CM Hovens, B Wang, AH Kaye, H-J Zhu, *Oncogene* (2012), 1–9
43. **Enhancing the Effects of Low Dose Doxorubicin Treatment by the Radiation in T47D and SKBR3 Breast Cancer Cells**, Fahimeh Aghaee, Jalil Pirayesh Islamian, **Behzad Baradaran**, Asghar Mesbahi, Mohammad Mohammadzadeh, Mohammad Asghari Jafarabadi, *J Breast Cancer*, 2013 June; 16(2): 164-170
44. **What role can bispecific antibodies play in cancer targeting? A hypothesis**, Vala Kafil, **Behzad Baradaran**, Yadollah Omid, *Medical Hypotheses* 81 (2013) 44–46
45. **Preparation and characterization of gelatin nanoparticles containing pDNA encoding IL-12 and their expression in CT-26 carcinoma cells**, Somayeh Hallaj-Nezhadi, Hadi Valizadeh, **Behzad Baradaran**, Faramarz Dobakhti, Farzaneh Lotfipour, *Future Oncol.* (2013) 9(8), 1195–1206
46. **Cytotoxic and apoptotic activity of *Scrophularia oxypala* in MCF-7 human breast cancer cells**, Samira Valiyari, Rana Jahanban-Esfahlan, Fateme Zare Shahneh, Saeid Yaripour, **Behzad Baradaran** & Abbas Delazar, *Toxicological & Environmental Chemistry*, 2013
47. **Induction of apoptosis by grape seed extract (*Vitis vinifera*) in oral squamous cell carcinoma**, Amirala Aghbali, Sepideh Vosough Hosseini, Abbas Delazar, Nader Kalbasi Gharavi, Fatemeh Zare Shahneh, Mona Orangi, Ali Bandehagh, **Behzad Baradaran**, *Bosn J Basic Med Sci* 2013; 13 (3): 186-191
48. **Immunomodulatory and therapeutic effects of Hot-nature diet and co-supplemented hemp seed, evening primrose oils intervention in multiple sclerosis patients**, Soheila Rezapour-Firouzia, Seyed Rafie Arefhosseini, Farhodi Mehdi, Ebrahimi-Mamaghani Mehrangizb, **Behzad Baradarand**, Elyar Sadeghihokmabada, Somaiyeh Mostafaeia, Seyed Mohammad Bagher Fazljoue, Mohammad-ali Torbatif, Sarvin Sanaieb, Fatemeh Zamani, *Complementary Therapies in Medicine* (2013) xxx, xxx—xxx
49. **Quantitative evaluation of CXCL8 and its receptors (CXCR1 and CXCR2) gene expression in Iranian patients with multiple sclerosis**, Shohreh Almasi, Mohammad Reza Aliparasti, Mehdi Farhodi, Zohreh Babaloo, **Behzad Baradaran**, Fatemeh Zamani, Homayoun Sadeghi-Bazargani, Somaiyeh Mostafaei, Elyar Sadeghi Hokmabadi, *Immunological Investigations*, 2013
50. **Induction of CD14 Expression and Differentiation to Monocytes or Mature Macrophages in Promyelocytic Cell Lines: New Approach**, Fatemeh Zamani, Fatemeh Zare Shahneh, Leili Aghebati-Maleki, **Behzad Baradaran**, *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 329-332

51. **In vitro Cytotoxic Activity of Four Plants Used in Persian Traditional Medicine**, Fatemeh Zare Shahneh, **Behzad Baradaran**, Mona Orangi, Fatemeh Zamani, *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 453-455
52. **A Unique Report: Development of Super Anti-Human IgG Monoclonal with Optical Density Over Than 3**, Leili Aghebati Maleki, **Behzad Baradaran**, Jalal Abdolalizadeh, Fatemeh Ezzatifar, Jafar Majidi, *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 333-337
53. **Gene Therapy, Early Promises, Subsequent Problems, and Recent Breakthroughs**, Saeideh Razi Soofiyani, **Behzad Baradaran**, Farzaneh Lotfipour, Tohid Kazemi, Leila Mohammadnejad, *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 249-255
54. **HLA-G Expression Pattern: Reliable Assessment for Pregnancy Outcome Prediction**, Elnaz Mosaferi, Jafar Majidi, Mozhdeh Mohammadian, Zohreh Babaloo, Amir Monfaredan, **Behzad Baradaran**, *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 443-446
55. **Cytotoxic Effects of Alcoholic Extract of Dorema Glabrum Seed on Cancerous Cells Viability**, Maryam Bannazadeh Amirkhiz, Nadereh Rashtchizadeh, Hosein Nazemieh, Jalal Abdolalizadeh, Leila Mohammadnejad, **Behzad Baradaran**, *Advanced Pharmaceutical Bulletin*, 2013, 3(2), 403-408
56. **New insights into HLA class I association to Behçet's syndrome in Iranian Azari patients**, Fatemeh Zare Shahneh, Fatemeh Hamzavi, Babak Bayazi, Ali Bandehagh, **Behzad Baradaran**, *Autoimmun Highlights*, 2013,
57. **siRNA-mediated Silencing of Survivin Inhibits Proliferation and Enhances Etoposide Chemosensitivity in Acute Myeloid Leukemia Cells**, Hadi Karami, **Behzad Baradaran**, Ali Esfahani, Mehrdad Asghari Estiar, Mohammad Naghavi-Behzad, Masoud Sakhinia, Ebrahim Sakhinia, *Asian Pacific Journal of Cancer Prevention*, 2013, Vol 14, 7719-7724
58. **ERYTHROCYTE MEMBRANE FATTY ACIDS IN MULTIPLE SCLEROSIS PATIENTS AND HOT-NATURE DIETARY INTERVENTION WITH CO-SUPPLEMENTED HEMP-SEED AND EVENING-PRIMROSE OILS**, Soheila Rezapour-Firouzi, Seyed Rafie Arefhosseini, Mehrangiz Ebrahimi-Mamaghani, Mehdi Farhoudi, **Behzad Baradaran**, Torbati Mohammad Ali, Fatemeh Zamani, *Afr J Tradit Complement Altern Med.* (2013) 10(6):518-526
59. **Green tea (Camellia sinensis) administration induces expression of immune relevant genes and biochemical parameters in rainbow trout (Oncorhynchus mykiss)**, Shahab Nootash, Najmeh Sheikhzadeh, **Behzad Baradaran**, Ali Khani Oushani, Mohammad Reza Maleki Moghadam, Katayoon Nofouzi, Amir Monfaredan, Leili Aghebati, Fatemeh Zare, Sadigheh Shabanzadeh, *Fish & Shellfish Immunology* xxx (2013) 1e8

60. **Cytotoxic activities of *Ferulago angulata* extract on human leukemia and lymphoma cells by induction of apoptosis**, Fatemeh Zare Shahneh, Samira Valiyari, Abbas Azadmehr, Reza Hajiaghache, Ali Bandehagh, **Behzad Baradaran**, Journal of Medicinal Plants Research Vol. 7(11), pp. 677-682, 17 March, 2013

61. **Investigating Apoptotic Effects of Methanolic Extract of *Dorema glabrum* Seed on WEHI-164 Cells**, Maryam Bannazadeh Amirkhiz, Nadereh Rashtchizadeh, Hossein Nazemiyeh, Jalal Abdolalizadeh, Leila Mohammadnejad, and **Behzad Baradaran**, ISRN Pharmacology, 2013, Article ID 949871, 9 pages

62. **DNA Methylation Pattern as Important Epigenetic Criterion in Cancer**, Mehrdad Ghavifekr Fakhr, Majid Farshdousti Hagh, Dariush Shanehbandi, and **Behzad Baradaran**, Genetics Research International, Volume 2013, Article ID 317569, 9 pages

63. **Anti-phospholipase A2 receptor antibody in idiopathic membranous nephropathy: A report from Iranian population**, MohammadReza Ardalan, Ali Ghafari, Fatemeh Hamzavi, Hamid Nasri, **Behzad Baradaran**, Jafar Majidi, Behrooz Nikbin, J Nephropathology. 2013; 2(4): 241-248

64. ***Echinophora platyloba* DC (Apiaceae) Crude Extract Induces Apoptosis in Human Prostate Adenocarcinoma Cells (PC 3)**, Fatemeh Zare Shahneh, **Behzad Baradaran**, Jafar Majidi, Zohreh Babaloo, Biomed J Vol. 37 No. 3, May - June 2014

65. **Herbal Medicine as Inducers of Apoptosis in Cancer Treatment**, Elham Safarzadeh, Siamak Sandoghchian Shotorbani, **Behzad Baradaran**, Adv Pharm Bull, 2014, 4(Supp), x-x

66. **Inhibition of human esophageal squamous cell carcinomas by targeted silencing of tumor enhancer genes: an overview**, Jalil Pirayesh Islamian, Mohsen Mohammadi, **Behzad Baradaran**, Cancer Biol Med 2014;11:78-85

67. **RNA Interference and its Role in Cancer Therapy**, Behzad Mansoori, Siamak Sandoghchian Shotorbani, **Behzad Baradaran**, Adv Pharm Bull, 2014, 4(4), 313-321

68. **Effect of a combined treatment with erythropoietin and melatonin on renal ischemia reperfusion injury in male rats**, Nasser Ahmadiasl, Shokofeh Banaei, Alireza Alihemati, **Behzad Baradaran**, Ehsan Azimian, Clinical and Experimental Nephrology, February 2014

69. **The effect of Tween excipients on expression and activity of P-glycoprotein in Caco-2 cells**, Darya Hodae, **Behzad Baradaran**, Hadi Valizadeh, Leila Mohammadnezhad and Parvin Zakeri-Milani, Pharm. Ind. 75, No. 10, &–&(2013)

70. **Generation and Characterization of Anti-CD34 Monoclonal Antibodies that React with Hematopoietic Stem Cells**, Leili Aghebati Maleki, Jafar Majidi, **Behzad Baradaran**, Aliakbar Movassaghpour, Jalal Abdolalizadeh, CELL JOURNAL(Yakhteh), Vol 16, No 3, Autumn 2014
71. **Down-Regulation of Mcl-1 by Small Interference RNA Induces Apoptosis and Sensitizes HL-60 Leukemia Cells to Etoposide**, Hadi Karami, **Behzad Baradaran**, Ali Esfehni, Samaneh Ghasemali, Masoud Sakhinia&, Alireza Abhari1, Ebrahim Sakhinia, Asian Pacific Journal of Cancer Prevention, 2013.14.12.XXXX
72. **Therapeutic Effects of Myeloid Cell Leukemia-1 siRNA on Human Acute Myeloid Leukemia Cells**, Hadi Karami, **Behzad Baradaran**, Ali Esfahani, Masoud Sakhinia, Ebrahim Sakhinia, Advanced Pharmaceutical Bulletin, 2014, x(x), xxx-xxx
73. **Reduced ABCB1 Expression and Activity in the Presence of Acrylic Copolymers**, Ramin Mohammadzadeh, **Behzad Baradaran**, Hadi Valizadeh, Bahman Yousefi , Parvin Zakeri-Milani, Advanced Pharmaceutical Bulletin, 2014, x(x), xxx-xxx
74. **Cloning and Expression of the Variable Regions of Anti-EGFR Monoclonal Antibody in E. coli for Production of a Single Chain Antibody**, Farzaneh Jalalypour, Safar Farajnia, Fatemeh Mahmoudi, **Behzad Baradaran**, Davoud Farajzadeh, Leila Rahbarnia, Jafar Majidi, Iran J Biotech. 2014 June; 12(2): e17522
75. **Growth-Inhibitory and Apoptosis-Inducing Effects of Punica granatum L. var. spinosa (Apple Punice) on Fibrosarcoma Cell Lines**, Koushan Sineh Sepehr, **Behzad Baradaran**, Masoumeh Mazandarani, Bahman Yousefi, Meghdad Abdollahpour Alitappeh, Vahid Khori, Adv Pharm Bull, 2014, 4(Suppl 2), 583-590
76. **Induction of Apoptosis and Cytotoxic Activities of Iranian Orthodox Black Tea Extract (BTE) Using in vitro Models**, Amirala Aghbali, Faranak Moradi Abbasabadi, Abbas Delazar, Sepideh Vosough Hosseini, Fatemeh Zare Shahneh, **Behzad Baradaran**, Maryam Janani, Advanced Pharmaceutical Bulletin, 2014, 4(3), 255-260
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B) CONFERENCES

Large Scale Production and characterization of Anti-human IgG Monoclonal Antibody in peritoneum of Balb/C Mice

Conference: first International Congress on Immunodeficiency Disorders.2005
Tehran-Iran

Production and characterization of Monoclonal Antibody against human IgG in Balb/C Mouse

Conference: The 7th congress of Immunology & Allergy.2004 Mashhad-Iran

The Role of the Thymus in Myasthenia Gravis

Conference: The first seminar in Myasthenia Gravis, 2007 Tabriz-Iran

Production and Evaluation of monoclonal anti- hEGFR Effect on A431 Tumoral cells

Conference: The 9th congress of Immunology & Allergy.2008 Tehran-Iran

Determination of IC50 of curcumin total extract in epithelial like cell line of breast cancer T47D

10th Iranian Congress of Biochemistry and the 3rd International Congress of Biochemistry and Molecular Biology

Production of Monoclonal Antibody against EGFR and Evaluation of Its Effect in Apoptosis Induction on Tumor Cell Lines

Conference: 5th International Breast Cancer Congress.2010 Tehran-Iran

Production and purification of polyclonal antibody against human sperm

Conference: Fertility, Sterility and laparoscopy congress.2008 Tabriz-Iran

Books

- 2013 Comprehensive Immunology for Students in Persian Language
- 2014 Comprehensive Immunology for Msc Students in Persian Language
- 2015 Practical immunology for Medicine students in Persian Language
- 2016 Common protocols in basic sciences in Persian Language
- 2018 Nanomaterials for Use in Apta-Assays in English Language

DISCOVERIES AND INVENTIONS

- 2005 Monoclonal Antibody against Human IgG
- 2019 Laboratory automatic sterilizer spray with Infrared electronic eye
- 2019 Antibacterial lab coat with UV detector tag
- 2020 Enhancing the antioxidant efficacy through combining two different polyphenols along chitosan

Membership

- Iranian Society for Immunology and Allergy
- International Cell Death Society, ICDS

Teaching experience

2006 – Present *Immunology*, Faculty of Medicine and Pharmacy , Tabriz University of Medical Sciences, Tabriz, Iran. (for medicine students, Ph.D Microbiology and Biotechnology students, MSc Immunology students, pharmacy and Dentist students and so on)

PROFESSIONAL EXPERIENCES

- Standard molecular biology techniques including: DNA and RNA extraction, PCR, Real Time PCR, gene Silencing by siRNA and shRNA, microRNA
- RT-PCR Cloning, Expression
- Immunological techniques: such as MTT. TUNEL, cytokine assay, western blotting, ELISA, production of monoclonal antibody, ...
- Immunofluorescence and Flow cytometry.
- Biochemistry techniques: PAGE, SDS-PAGE, purification techniques including : affinity chromatography, Ion exchange, Gel filtration
- Microbiology techniques including: culture of bacteria
- Animal cell culture technology including Isolation and culture of primary cells, cell line culture, Passage, Transformation, Transfection,...
- Animal manipulation: Immunization, creating Tumor, Immunotherapy of Tumors

THESIS SUPERVISION

	Title	Student	Super visor	Advi sor	Year		course
1	Evaluation of monoclonal antibody impact against EGFR (Epidermal Growth Factor Receptor) in prostate cancer PC3 cell line: downstream signaling pathways	Alireza Rezaemanesh		√	2008	MSc	Immuno logy
2	Quantitive analysis of serum level and gene expression of interleukin-17 (A& F) in patients with multiple sclerosis	Farhad Babae		√	2008	MSc	Immuno logy
3	Anti-tumor effect of Herb Medicine Ornithogalum Cuspidatum in induceing Apoptosis in WEHI-164 cancer cell line	Mehrnosh Samavati		√	2008	MSc	Immuno logy
4	Evaluation of Anti-tumor effect of Herb Medicine Ornithogalum Cuspidatum Methanol Fractions in inducing Apoptosis in WEHI164 cancer cell line	Hamed Asadi		√	2010	Doctor	PG
5	Isolation and Screening of anti-gastrin /CCKB Receptor scFv Antibody from Phage Antibody Library	Mohammad Reza Tohidkia		√	2010	Ph.D	Biotech nology

6	Isolation of anti-tumor necrosis factor-alpha single chain variable fragments antibody from phage antibody library	Jalal Abdolalazadeh		√	2010	Ph.D	Biochemistry
7	Enhancing the efficiency of radiotherapy for breast cancer cells(SKBR3, T47D) by a combined therapy method with chemotherapy (2DG/DOX)	Fahimeh Aghae	√		2011	MSc	Biophysics
8	Cytotoxic effect of methanolic extract of medicinal plant Scrophularia Atropatana in induction of apoptosis in WEHI-164 and MCF-7 cancer cell lines	Elham Safarzadeh	√		2012	MSc	Immunology
9	Investigating apoptotic effects of alcoholic Extract of Dorema Glabrum Seed on Wehi-164 cell line	Maryam Banazadeh Amirkhiz	√		2011	MSc	Biochemistry
10	Effect of Resveratrol and Prednisolon on Bax and Bcl-2 gene expression level and apoptosis in acute lymphoblastic leukemia cell lines CCRF-CEM and MOLT_4	Taghi Khanzadeh		√	2013	MSc	Hematology
11	Comparison of different Purification methods of goat spermatogonial stem cells.	Minoos Gifani	√		2012	MSc	Immunology
12	In vitro evaluation of the effects of Polymers and preservatives on intestinal efflux pump	Ramin Mohammadzadeh	√		2011	Doctor	Pharm.D
13	The effect of pharmaceutical excipients on the activity and expression of P-glycoprotein	Darya Hodae	√		2011	Doctor	Pharm.D
14	The effect of the thymoquinone on A_{2A} and A_{2B} adenosine receptors gene expression in asthmatic guinea pigs induced by ovalbumin	Zahra Mirza Mohammadi	√		2012	MSc	Physiology
15	The effect of simultaneous gene therapy with IL-12 & GM-CSF in the regression of tumor masses in mouse model	Saeideh Razi Sofiani	√		2012	MSc	Immunology
16	Cloning and stable expression of human hematopoietic stem cell antigen (CD34) in mouse fibroblast cell line	Farzaneh Shafaghat		√	2010	MSc	Immunology
17	Cloning and stable expression of human PECAM1(CD31) in mouse fibroblast cell line	Hamed Salehi		√	2010	MSc	Immunology
18	The assessment of combination therapy of erythropoietin and melatonin on ischemia/reperfusion renal injury in animal model,male rat	Shokofeh Banae		√	2012	Ph.D	Physiology
19	Production and characterization of monoclonal antibody against CD34 marker in Balb/c mice	Leili Aghebati	√		2010	MSc	Immunology
20	Production and characterization of monoclonal antibody against human IgA and comparison with Standard	Fatemeh Ezatifar	√		2010	MSc	Immunology

21	HLA-G gene expression variation in women decidua with recurrent miscarriage and its relation with null-HLA-G	Nazila Alizadeh	√		2010	MSc	Immunology
22	HLA-G gene expression pattern in placental tissue with recurrent miscarriage	Elnaz Mosafere	√		2010	MSc	Immunology
23	Study of apoptosis induction mechanism by medicinal plant Echinophora Platyloba extract against cancer cell line, WEHI-164 and L929	Fatemeh Zare Shahneh	√		2012	MSc	Immunology
24	Evaluation of Epigenetic changes in p53 gene in MCF-7 cell line treated with extract of medicinal plants Scrophularia amplexicaulis and Scrophularia oxyssepala	Mehrdad Ghavifekr	√		2011	MSc	Immunology
25	Production of Monoclonal Antibody against CD20 marker of B Lymphocytes and evaluation of specific binding to CD20 expressed cells	Koshan Sineh Sepehr	√		2010	MSc	Immunology
26	Effects of viral infection model during pregnancy on onset and severity of multiple sclerosis disease in experimental autoimmune encephalomyelitis (EAE) model in offspring	Mohammad Hossein Dosti		√	2010	MSc	Immunology
27	Study of radiotherapy effect in Apoptosis induction on the breast cancer cell line	Mona Fazel	√		2011	MSc	Biophysics
28	Cloning and stable expression of B lymphocytes marker (CD19) in mouse NIH-3T3 cell line	Hajar Abbasi		√	2012	MSc	Immunology
29	Suppression of MCL-1 and survivin genes expression by two small interference RNA (siRNA) and evaluation of their apoptotic induction effect in human acute myeloid leukemia cell line (HL-60)	Hadi Karami	√		2011	Ph.D	Molecular Medicine
30	Clinicopathological significance of telomerase activity in gastric lavage fluid at diagnosis of gastric cancer with real-time PCR	Vahid Jafarlou		√	2012	Resident	Surgery
31	Cytotoxic effects of extract of medicinal plants Scrophularia amplexicaulis and Scrophularia oxyssepala in induction of apoptosis in WEHI-164 and MCF-7 cancer cell lines	Samira Valiyari	√		2011	MSc	Immunology
32	Study of interleukin-17A gene polymorphism and serum levels of IL-17 and IL-27 in patients with Multiple Sclerosis (MS) in comparison with control group	Reza Yeganeh		√	2010	MSc	Immunology
33	Evaluation of immune responses of RAZI leptosiral vaccine in hamster model	Reza Banihashemi	√		2011	MSc	Immunology
34	Tumor necrosis factor α gene polymorphisms and recurrent pregnancy loss	Zeinab Paknejad		√	2011	MSc	Genetic
35	Investigation of IL-1 receptor antagonist gene and Interleukin 1β polymorphisms in women with recurrent miscarriage	Masomeh Mohammad Khanlou		√	2011	MSc	Genetic
36	Assessing the cytotoxic and apoptotic effect of methanol fractions of medicinal plant Scrophularia oxyssepala on WEHI-164 and MCF-7 cancer cell	Mona Orangi	√		2013	MSc	Immunology

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37	Cytotoxic and apoptotic effects of medicinal plant extracts, Dichloromethane fractions (scrophularia oxysephala) in the cancer cells MCF-7 and WEHI-164	Behnaz olsadat Hosseini	√		2013	MSc	Immuno logy
38	Suppression of ABCB1 genes expression by small interference RNA (siRNA) and evaluation of drug resistance in Etoposide resistant human acute myeloid leukemia cell line (HL-60)	Saeid Kechlaki	√		2013	MSc	Immuno logy
39	Studying the combined effect of radio-gene therapy by siRNA technique on increasing apoptotic death in esophagus SCC cancer cells	Mohsen Mohammadi		√	2012	MSc	Radiobi ology
40	Enhancing The Efficiency Of Radiotherapy For Breast Cancer Cells (SKBr3 & MCF7) by a Combined Therapy Method With Chemotherapy (2DG/MLN4924)	Maryam Olade Ghaffari		√	2012	MSc	Radiobi ology
41	Construction a chimeric <i>M2e-HA2</i> fused antigen of Influenza A virus for expressing in Escherichia coli	Ali Ameghi		√	2011	Ph.D	Biotech nology
42	Suppression of MCL-1 and Survivin Genes Expression through two siRNA and Evaluation of their Apoptotic Effect in U937 cell line	Mehdi Jafarlou	√		2011	Ph.D	Molecul ar Medicin e
43	Suppression of MDR1 (ABCB1) genes expression by small interference RNA (siRNA) and evaluation of drug resistance in oxaliplatin resistant human colon cancer cell line (SW 480)	Nooshin Montazami	√		2013	MSc	Immuno logy
44	The survey of nanocurcumin effects on macrophages role on breast tumor progress in a tipycal animal model, and the determination of upstream and downstream pathways	Sadaf Shiri	√		2013	MSc	Immuno logy
45	Suppression of HMGA2 gene expression by a small interference RNA (siRNA) and evaluation of their apoptotic induction effect and cell cycle inhibition and invasiveness inhibition in human breast adenocarcinoma cell line (MDA-MB-468)	Behzad Mansouri	√		2013	MSc	Immuno logy
46	Study of TLR 2, TLR 4 and Myd 88 gene expression in peripheral blood monocytes of patients with vitiligo	Akbar Mohammad Hosseini		√	2011	MSc	Immuno logy
47	Evaluation of cytotoxic activities of Iranian orthodox black tea extract (BTE) on oral squamous cell carcinoma (KB cell line)	Faranak Moradi	√		2012	Reside nt	Patholo gy
48	Apoptosis induction and cell viability effects of hydroalcoholic grape seed extraction on squamous cell carcinoma KB cell line	Nader Kalbasi	√		2012	Reside nt	Patholo gy
49	Comparison of gene expression profile of cytokines secreted by peripheral blood mononuclear cells in co-culture with placental and umbilical cord blood derived mesenchymal stem cells	Parisa Lotfinejad		√	2013	MSc	Immuno logy
50	Association between HLA class II DQ₈ – DR₄ haplotype and type 1 Diabetes Mellitus in children	Nasrin Sohrabi		√	2013	MSc	Genetic

51	Inhibition of HMGA2 gene expression by siRNA in HCT116 cell lines in colorectal cancer	Sahar Esamaeilzadeh	√		2013	MSc	Immunology
52	Simultaneously suppression of HMGA2 and BACH1 genes expression by a small interference RNA (siRNA) and evaluation of their apoptotic induction effect and cell cycle inhibition in human breast adenocarcinoma cell line (MDA-MB-468).	Mansour Aletaha	√		2013	Ph.D	Biotechnology
53	Association between HLA class II DQ₂ – DR₃ haplotype and type 1 Diabetes Mellitus in children	Fatemeh Zeinali		√	2013	MSc	Genetic
54	Suppression of SNAIL 1 gene expression by a small interference RNA (siRNA) and evaluation of their effect on metastatic cells in esophageal cancer	Maryam Hematzadeh	√		2014	MSc	Immunology
55	Suppression of SNAIL gene expression by a small interference RNA (siRNA) and valuation of their inhibition effect on metastatic bladder cancer cell line.	Shima Salehi barzgar	√		2014	MSc	Immunology
56	Suppression of BACH1 gene expression by a specific small interference RNA (siRNA) in Prostate tumoral model.	Neda Shajari	√		2014	MSc	Immunology
57	Suppression of BACH1 gene expression by a specific small interference RNA (siRNA) in colon tumoral model.	Sadaf Davodian	√		2014	MSc	Immunology
58	Suppression of PTPN22 gene expression by a specific small interference RNA (siRNA) in T Tumoral lymphocytes (Jurkat) and the effect on Apoptosis signaling Pathways	Elham Baghbani	√		2014	MSc	Immunology
59	Effect of specific siRNA against HMGA2 gene in PC-3 cell line Prostate cancer	Shima Khajoei	√		2014	MSc	Genetic
60	Therapeutic effects of DJ-1 Plasmid Vector for Cardiovascular Ischemic Injury Gene Therapy.	Shahroz Ghaderi	√		2014	Ph.D	Molecular Medicine
61	MiR-143 replacement effect on growth and metastasis inhibition in gastric cancer cell lines	Nayer Hossein Ahli	√		2015	MSc	Immunology
62	miR-143 replacement effect on growth and metastasis inhibition in colorectal cancer cell lines	Leila Karimi	√		2015	MSc	Immunology
63	miR-145 Replacement effect on growth and metastasis in Gastric cancer cell line	Tahereh Zeinali	√		2015	MSc	Immunology
64	MiR-143 replacement effect on growth and metastasis inhibition in breast cancer cell lines	Fatemeh Tavanafar	√		2015	MSc	Genetic
65	Mir-330 Replacement therapy of breast cancer and its inhibitory role in growth and migration of MCF7 cell line	Elham hosseinzadeh		√	2015	MSc	Genetic
66	MiR-145 replacement effect on growth and migration inhibition in lung cancer cell line	Navaz Sadeghieh	√		2015	MSc	Genetic

67	Suppression of HMGA2 gene expression by a small interference RNA (siRNA) and evaluation of its metastatic effect on lung carcinoma cell line (A549).	Sanaz Naghizadeh		√	2015	MSc	Genetic
68	miR-330, Melanoma Cancer , Migration, microRNA Replacement Therapy, Apoptosis	Naser Sehati	√		2015	MSc	Biotechnology
69	MiR-143 replacement effect on growth and migration inhibition in prostate cancer cell lines	Elshan bajan	√		2015	MSc	Genetic
70	Investigation of the gene silencing STAT3 effect and use of agonist TLR7 / TLR8 in the immunomodulatory activity of myeloid-derived suppressor cells in patients with breast cancer	Elham safarzadeh	√		2015	Ph.D	Immunology
71	Assessment of inhibition ERAP1 in free heavy chain expression in peripheral blood mononuclear cell-derived macrophages in spondylitis ankylosing patients and its affects in NK cells responses	Farhad Babaei	√		2015	Ph.D	Immunology
72	Assessment of inhibition ERAP1 in free heavy chain expression in peripheral blood mononuclear cell-derived macrophages in spondylitis ankylosing patients and its affects in T CD8+ cells responses	Hamed Mohammadi	√		2015	Ph.D	Immunology
73	Investigation of the effect of PAMAM-PLGA nanoparticles loaded with the siRNA molecules against CD133 on the apoptosis, proliferation and migration in the colorectal cancer	Zahra Asadzadeh		√	2017	Msc	Immunology
74	Investigation of the effect of PEGylated nanoparticles (PAMAM) loaded with the siRNA molecules against CD133 on the apoptosis , proliferation and migration in the lung cancer	Marjan Aghajani		√	2017	Msc	Immunology
75	Evaluation of the effects of anti-CD44 siRNA-containing polymeric nanoparticles (PEI) on inhibition of growth and migration of breast cancer cells	Fatemeh Vahidian		√	2017	Msc	Immunology
76	The effect of dimethyl fumarate and ruxolitinib combinational therapy on EAE mouse model as animal model of multiple sclerosis	Arezou Hosseini	√		2017	Ph.D	Immunology
77	The effect of PAMAM-PEG nanoparticles loaded with the siRNA molecules against PDL-1 on inhibition of activated T-lymphocytes differentiation to induced regulatory T-lymphocytes	Parisa Lotfinejad	√		2017	Ph.D	Immunology

78	Investigation of the effect of nanoparticules loaded with the siRNA molecules against P68 and STAT3 in the growth inhibition and development of cancer cells	Vida Hashemi	√		2017	Ph.D	Immunology
79	The effect of STA-21, a STAT3 inhibitor and All Trans Retinoic Acid (ATRA) combinational therapy on Experimental autoimmune encephalomyelitis (EAE) as a mouse model of Multiple sclerosis (MS)	Tohid Gharibi	√		2017	Ph.D	Immunology
80	Evaluation of downregulation of NANOG gene expression suppression and replacement of Let-7 in breast cancer cell line and the effects on stemness, invasion and apoptosis of cells	Zeinab Aliyari	√		2017	Ph.D	Applied Cellular Sciences

EMPLOYMENT HISTORY

2001- Present Tabriz University of Medical Sciences, Medicine Faculty,
Immunology Department, Tabriz, Iran

Occupation/Position

Academic and Research member