

CURRICULUM VITAE, leili Aghebati- Maleki



leili Aghebati- Maleki
Tabriz University of Medical sciences
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PERSONAL INFORMATION

Nationality: Iranian
Marital status: Married

EDUCATIONAL BACKGROUND

2009- 2012 MSc Immunology, Tabriz University of Medical sciences
1999- 2001 Medical Laboratory Science, Tabriz University of Medical sciences
2013-2016 Ph.D Immunology, Tabriz University of Medical sciences

EDUCATIONAL INFORMATION

1. MSc graduation score (19.5 out of 20)
2. MSc Thesis score (19.96 out of 20)
3. MSC Thesis title: Production and characterization of monoclonal antibody against CD34 marker in Balb/c mice
4. Ph. D graduation score (19.63 out of 20)
5. Ph. D Thesis score (20 out of 20)
6. Ph. D Thesis title: Isolation and characterization of Anti ROR1 scFv fragment by Phage display

CURRENT STATUS

1. Assistant Professor of Immunology, Immunology research center, Tabriz University of Medical Sciences
2. Research Deputy of Immunology research center

SHORT COURSES & WORKSHOPS

1. Theoretical and practical workshop: production of monoclonal antibodies; Tehran; Milad toner, April; 11th International Congress of Immunology & Allergy (ICIA) –April 26- 29, 2012.
2. International workshops on monoclonal antibody production for researchers; Tabriz; Immunology Research Center, Tabriz University of Medical Sciences. 3th – 12th September 2013.
3. Theoretical and practical workshop: production of monoclonal antibodies; Tehran; Milad toner April; 12th International Congress of Immunology & Allergy (ICIA) –April 29- May 2, 2014.
4. Theoretical and practical workshop: SDS-Page Electrophoresis. Tabriz; Immunology Research Center, Tabriz University of Medical Sciences. 2018

Teaching experience

2013– Present *Immunology*, Tabriz University of Medical Sciences, Tabriz, Iran. (for medicine students, Ph.D Immunology , Microbiology, Molecular medicine, Biochemistry and Biotechnology students, MSc Immunology, Biochemistry, Biotechnology Microbiology and parasitology students, pharmacy and Dentistry students and so on)

ADMINISTRATIVE EXPERIENCE

- Member of Executive committee of 13th international congress of Immunology and Allergy Tabriz, Iran, 2016
- The Head of Workshops of 13th international congress of Immunology and Allergy Tabriz, Iran, 2016
- Member of Scientific Committee of 14th international congress of Immunology and Allergy, Tehran, Iran, 2018 (ICIA2018)

Awards

- 2014; Top Student Idea of Tabriz University of Medical Sciences
(Tabriz, Iran)
- 2015; Top Student Researcher, Deputy of research and technology
- 2016; Top Technologist of Tabriz University of Medical Sciences
(Tabriz, Iran)
- 2016 ;Member of National Elites Foundation (INEF) / East Azarbaijan
/Academic Awards
- 2017; Top Researcher of "The Third International Congress of
Immunology, Asthma & Allergy" (Tehran, Iran)

PUBLICATIONS

1. Aghebati Maleki L, Majidi J, Baradaran B, Abdolalizadeh J, Kazemi T, Aghebati Maleki A, Sineh sepehr K. Large Scale Generation and Characterization of Anti-Human CD34 Monoclonal Antibody in Ascetic Fluid of Balb/c Mice. *Advanced Pharmaceutical Bulletin*. 2013; 3(1), 211-216.
2. Aghebati Maleki L, Baradaran B, Abdolalizadeh J, Majidi J. A Unique Report: Development of Super Anti-Human IgG Monoclonal with Optical Density Over Than 3. *Advanced Pharmaceutical Bulletin*. 2013; 4(1), 211-216.
3. Koushan Sineh Sepehr, Behzad Baradaran, Jafar Majidi, Jalal Abdolalizadeh, Leili Aghebati and Fatemeh Zare Shahneh. Development and characterization of monoclonal antibodies against human CD20 in Balb/c mice. *Human Antibodies* 21 (2012) 57–64.
4. Koushan Sineh Sepehr, Behzad Baradaran, Jafar Majidi, Jalal Abdolalizadeh, Leili Aghebati, Fatemeh Zare Shahneh. Mass-Production and Characterization of Anti-CD20 Monoclonal Antibody in Peritoneum of Balb/c Mice. *Advanced Pharmaceutical Bulletin*, 2013, 3(1), 109-113.
5. Zamani fatemeh, Fatemeh Zare Shahneh, Leili Aghebati, Behzad Baradaran. Induction of CD14 expression and differentiation to monocytes or mature macrophages in promyelocytic cell lines: New approach. *Advanced Pharmaceutical Bulletin*, 2013, 4(1), 109-113.

6. Sheikhzadeh, B Baradaran, AK Oushani, MRM Moghadam, leili agehbat. Green tea (*Camellia sinensis*) administration induces expression of immune relevant genes and biochemical parameters in rainbow trout (*Oncorhynchus mykiss*). *Fish & shellfish immunology* 2013,35 (6), 1916-1923.
7. M Rajaii, A Pourhassan, N Asle-Rahnamaie-Akbari, L Aghebati, JL Xie. Seroepidemiology of toxoplasmosis in childbearing women of Northwest Iran. *Le infezioni in medicina*.2013.
8. Z Babaloo, RK Yeganeh, M Farhoodi, B Baradaran, M Bonyadi. Increased IL-17A but decreased IL-27 serum levels in patients with multiple sclerosis.2013, *Iranian Journal of Immunology* 10 (1), 47.
9. LA Maleki, J Majidi, B Baradaran, J Abdolalizadeh, AM Akbari. Production and characterization of murine monoclonal antibody against synthetic peptide of CD34. *Human antibodies*2013, 22 (1, 2), 1-8.
10. LA Maleki, B Baradaran, J Majidi, M Mohammadian, FZ Shahneh. Future prospects of monoclonal antibodies as magic bullets in immunotherapy.2013. *Human antibodies* 22 (1, 2), 9-13.
11. FZ Shahneh, B Baradaran, F Zamani, L Aghebati-Maleki. Tumor angiogenesis and anti-angiogenic therapies. *Human antibodies* 2013,22 (1, 2), 15-19.
12. L Aghebati-maleki, B Salehi, R Behfar, H Saeidmanesh, F Ahmadian, Designing a hydrogen peroxide biosensor using catalase and modified electrode with magnesium oxide nanoparticles. *nt. J. Electrochem. Sci* 2014, 9, 257-271.
13. F Ezzatifar, J Majidi, B Baradaran, LA Maleki, J Abdolalizadeh, M Yousefi. Development and characterization of monoclonal antibodies against human IgA in Balb/c mice. *Human antibodies* 2014, 23 (1, 2), 7-12.
14. LA Maleki, J Majidi, B Baradaran, A Movassaghpour, J Abdolalizadeh. Generation and characterization of anti-CD34 monoclonal antibodies that react with hematopoietic stem cells. *Cell Journal (Yakhteh)*2014 16 (3), 361.
15. RA Maleki, D Shanehbandi, SS Eteghad, H Zarredar, FZ Shahneh, Effects of Some Natural Immunomodulatory Compounds in Combination with Thalidomide on Survival Rate and Tumor Size in Fibrosarcoma-Bearing Mice. *Advanced pharmaceutical bulletin* 4 (Suppl 1), 465,2014
16. NM Somayeh Dadashi, Jafar Majidi, Leili Aghebati Maleki, Jalal Abdolalizadeh. Rabbit conjugated polyclonal mouse IgG3 antibody. *Online Journal of Veterinary Research* 199, 603-6082015.
17. F Ezzatifar, J Majidi, B Baradaran, LA Maleki, J Abdolalizadeh, M Yousefi. Large scale generation and characterization of anti-Human IgA monoclonal antibody in ascitic fluid of Balb/c mice. *Advanced pharmaceutical bulletin* 2015,5 (1), 97.

18. S Eivazi, J Majidi, LA Maleki. Production and purification of a polyclonal antibody against purified mouse IgG2b in rabbits towards designing mouse monoclonal isotyping kits. *Advanced pharmaceutical bulletin* 2015,5 (1), 109.
19. M Hajivalili, F Pourgholi, J Majidi, L Aghebati-Maleki, AA Movassaghrou. *Cellular and Molecular Biology*.2015
20. J Majidi, L Aghebati Maleki, T Kazemi, J Abdolalizadeh, S Dadash. Polyclonal antibody production against mouse purified IgG2a towards use in basic research. *Research in Molecular Medicine* 2016, 4 (1), 30-35
21. M Hosseini, M Haji Fatahaliha, L Aghebati-Maleki, A Movassagh Pour .Recombinant *Leishmania major* lipophosphoglycan 3 activates human T-lymphocytes via TLR2-independent pathway. *ournal of immunotoxicology* 2016,13 (2), 263-269.
22. M Hajivalili, F Pourgholi, J Majidi, L Aghebati-Maleki, AA Movassaghrou. G2013 modulates TLR4 signaling pathway in IRAK-1 and TIRAP-6 dependent and miR-146a independent manner. *Cellular and molecular biology (Noisy-le-Grand, France)*2016, 62 (4), 1-5
23. E Malekzadeh, N Aliasgharzad, J Majidi, J Abdolalizadeh. Contribution of glomalin to Pb sequestration by arbuscular mycorrhizal fungus in a sand culture system with clover plant. *European Journal of Soil Biology* 2016, 74, 45-51.
24. M Motallebnezhad, L Aghebati-Maleki, F Jadidi-Niaragh, H Nickho. The insulin-like growth factor-I receptor (IGF-IR) in breast cancer: biology and treatment strategies. *Tumor Biology*2016, 37 (9), 11711-11721.
25. E Malekzadeh, N Aliasgharzad, J Majidi, L Aghebati-Maleki. Cd-induced production of glomalin by arbuscular mycorrhizal fungus (*Rhizophagus irregularis*) as estimated by monoclonal antibody assay. *Environmental Science and Pollution Research* 2016,23 (20), 20711-20718.
26. V Alinejad, MH Somi, B Baradaran, P Akbarzadeh, F Atyabi, H Kazerooni. Co-delivery of IL17RB siRNA and doxorubicin by chitosan-based nanoparticles for enhanced anticancer efficacy in breast cancer cells. *Biomedicine & Pharmacotherapy*2016, 83, 229-240.
27. M Motallebnezhad, V Younesi, L Aghebati-Maleki, H Nickho. Antiproliferative and apoptotic effects of a specific anti-insulin-like growth factor I receptor single chain antibody on breast cancer cells. *Tumor Biology* 2016,37 (11), 14841-14850.
28. R Raoufinia, A Mota, S Nozari, L Aghebati Maleki, S Balkani, A methodological approach for purification and characterization of human serum albumin. *Journal of Immunoassay and Immunochemistry* 2016,37 (6), 623-635.
29. L Aghebati-Maleki, B Bakhshinejad, B Baradaran, M Motallebnezhad. Phage display as a promising approach for vaccine development. *Journal of biomedical science* 2016, 23 (1), 66.

30. S Sadreddini, R Safaralizadeh, B Baradaran, L Aghebati-Maleki, Chitosan nanoparticles as a dual drug/siRNA delivery system for treatment of colorectal cancer. *Immunology letters* 2017,181, 79-86.
31. L Aghebati-Maleki, V Younesi, F Jadidi-Niaragh, B Baradaran, J Majidi Isolation and characterization of anti ROR1 single chain fragment variable antibodies using phage display technique *Human antibodies* 2017,25 (1-2), 57-63.
32. D Shanebandi, J Majidi, T Kazemi, B Baradaran, L Aghebati-Malek. Cloning and molecular characterization of the cDNAs encoding the variable regions of an anti-CD20 monoclonal antibody *Human antibodies* 2017,26 (1), 1-6.
33. H Nasiri, Z Valedkarimi, L Aghebati-Maleki, J Abdolalizadeh, T Kazemi. Production and purification of polyclonal antibody against F (ab') 2 fragment of human immunoglobulin G. *Veterinary Research Forum* 2017,8 (4), 307.
34. N Shibaie, J Majidi, K Razavi, AA Karkhane, N Sokhandan-Bashir. Production and characterization of monoclonal antibody against recombinant virus coat protein CP42/ Iranian *Journal of Allergy, Asthma and Immunology* 2017,16 (1), 60.
35. L Aghebati-Maleki, V Younesi, B Baradaran, J Abdolalizadeh. Antiproliferative and apoptotic effects of novel anti-ROR1 single-chain antibodies in hematological malignancies. *SLAS DISCOVERY: Advancing Life Sciences R&D* 2017,22 (4), 408-417.
36. L Aghebati-Maleki, M Shabani, B Baradaran, M Motallebnezhad, J Majidi. Receptor tyrosine kinase-like orphan receptor 1 (ROR-1): An emerging target for diagnosis and therapy of chronic lymphocytic leukemia. *Biomedicine & Pharmacotherapy* 2017,88, 814-822.
37. D Shanebandi, J Majidi, T Kazemi, B Baradaran, L Aghebati-Maleki. CD20-based immunotherapy of B-cell derived hematologic malignancies. *Current cancer drug targets* 2017,17 (5), 423-444.
38. D Shanebandi, J Majidi, T Kazemi, B Baradaran, L Aghebati-Maleki. Immuno-biosensor for Detection of CD20-Positive Cells Using Surface Plasmon Resonance, *Advanced pharmaceutical bulletin* 7 (2), 189.
39. M Esparvarinha, H Nickho, H Mohammadi, L Aghebati-Maleki, The role of free kappa and lambda light chains in the pathogenesis and treatment of inflammatory diseases. *Biomedicine & Pharmacotherapy* 2017,91, 632-644.
40. P Eivazy, F Atyabi, F Jadidi-Niaragh, L Aghebati Maleki, A Miahipour. The impact of the codelivery of drug-siRNA by trimethyl chitosan nanoparticles on the efficacy of chemotherapy for metastatic breast cancer cell line (MDA-MB-231). *Artificial cells, nanomedicine, and biotechnology* 2017.45 (5), 889-896.
41. M Ahmadi, S Abdolmohammadi-Vahid, M Ghaebi, L Aghebati-Maleki, Effect of Intravenous immunoglobulin on Th1 and Th2 lymphocytes and improvement of pregnancy

outcome in recurrent pregnancy loss (RPL). *Biomedicine & Pharmacotherapy* 2017, 92, 1095-1102.

42. H Nickho, V Younesi, L Aghebati-Maleki, M Motallebnezhad. Developing and characterization of single chain variable fragment (scFv) antibody against frizzled 7 (Fzd7) receptor. *Bioengineered* 2017,8 (5), 501-510.

43. M Ahmadi, S Abdolmohammadi-Vahid, M Ghaebi, L Aghebati-Maleki, Regulatory T cells improve pregnancy rate in RIF patients after additional IVIG treatment. *Systems biology in reproductive medicine* 2017, 63 (6), 350-359.

44. A Afkham, L Aghebati-Maleki, H Siahmansouri, S Sadreddini, M Ahmadi. Chitosan (CMD)-mediated co-delivery of SN38 and Snail-specific siRNA as a useful anticancer approach against prostate cancer. *Pharmacological Reports*, 2017

45. Z Valedkarimi, H Nasiri, L Aghebati-Maleki, J Majidi. Antibody-cytokine fusion proteins for improving efficacy and safety of cancer therapy. *Biomedicine & Pharmacotherapy* 2017,95, 731-742.

46. S Dolati, LA Maleki, M Ahmadi, F Marofi, Z Babaloo, H Ayramloo. Nanocurcumin restores aberrant miRNA expression profile in multiple sclerosis, randomized, double-blind, placebo-controlled trial. *Journal of cellular physiology*, 2017

47. S Dolati, M Ahmadi, M Khalili, AA Taheraghdam, H Siahmansouri, Peripheral Th17/Treg imbalance in elderly patients with ischemic stroke. *Neurological Sciences*, 2018,1-8.

48. H Nasiri, Z Valedkarimi, L Aghebati-Maleki, J Majidi. Antibody-drug conjugates: promising and efficient tools for targeted cancer therapy. *Journal of cellular physiology*, 2018

49. S Sadeghi, L Aghebati-Maleki, S Nozari, J Majidi. A methodological approach for production and purification of polyclonal antibody against dog IgG. *Veterinary Research Forum*, 2018.

50. ZM Nebrin, J Majidi, LA Maleki, T Kazemi, J Abdolalizadeh, S Dadashi, A simple method for purification of mouse igg2a by ion exchange and affinity chromatography. *Med J Tabriz Uni Med Sciences Health Services* 2018, 39 (6), 74-80

51. H Shali, M Shabani, F Pourgholi, M Hajivalili, L Aghebati-Maleki. Co-delivery of insulin-like growth factor 1 receptor specific siRNA and doxorubicin using chitosan-based nanoparticles enhanced anticancer efficacy in A549 lung ca. *Artificial cells, nanomedicine, and biotechnology* 2018, 46 (2), 293-302

52. G Sheikhsari, L Aghebati-Maleki, M Nouri, F Jadidi-Niaragh, M Yousefi. Current approaches for the treatment of premature ovarian failure with stem cell therapy. *Biomedicine & Pharmacotherapy*, 2018, 102, 254-262.

53. R Azizi, L Aghebati-Maleki, M Nouri, F Marofi, S Negargar, M Yousefi. Stem cell therapy in Asherman syndrome and thin endometrium: Stem cell-based therapy. *Biomedicine & Pharmacotherapy* ,2018,102, 333-343.
54. Z Pourmoghadam, L Aghebati-Maleki, M Motalebnezhad, B Yousefi, Current approaches for the treatment of male infertility with stem cell therapy. *Journal of cellular physiology*,2018.
55. Z Valedkarimi, H Nasiri, L Aghebati-Maleki, J Abdolalizadeh. Production and characterization of anti-human IgG F (ab')₂ antibody fragment. *Human antibodies*,2018, 1-6.
56. J Noori, A Spotin, E Ahmadpour, M Mahami-Oskouei, The potential role of toll-like receptor 4 Asp299Gly polymorphism and its association with recurrent cystic echinococcosis in postoperative patients, *Parasitology research*, 2018,1-11.

CONFERENCES

- 1- Leili Aghebati Maleki , Jafar Majidi , Behzad Baradaran. Evaluation of anti-tumor potential of Bacillus Calmette-Guerin, Thalidomide angiogenesis inhibitor, Heat shock proteins and Bifidobacterium simultaneousness on Fibrosarcoma Tumor in Balb/c Mice. 11th International Congress of Immunology & Allergy of Iran, April 26-29 ,2012. Tehran.
- 2-Behzad Baradaran, Jafar Majidi, Leili Aghebati Maleki. Induction of programmed cell death (apoptosis) in cancer cell lines WEHI-164 and PC3 by metanolic extract of chelidonium majus . 11th International Congress of Immunology & Allergy of Iran, April 26-29 ,2012. Tehran.
- 3-Jalal Abdolalizadeh, Noori , Jafar Majidi . Isolation and characterization of anti-TNF ScFv through phage display technique. 11th International Congress of Immunology & Allergy of Iran, April 26-29 ,2012. Tehran.
- 4-Jafar Majidi, Jalal Abdolalizadeh, Behzad Baradaran, Leili Aghebati Maleki. Super monoclonal related to large scale production of anti-human IgG in peritoneum of Balb/c Mice. 11th International Congress of Immunology & Allergy of Iran, April 26-29 ,2012. Tehran.
- 5-Jafar Majidi, Jalal Abdolalizadeh, Behzad Baradaran, Leili Aghebati Maleki. Super anti-human IgG monoclonal with optical density over than 3. 11th International Congress of Immunology & Allergy of Iran , April 26-29 ,2012. Tehran.
- 6-Abdolalizadeh, Noori , Jafar Majidi. Purification of single chain variable fragment specific to human tumor necrosis factor alpha in Escherichia coli. 11th International Congress of Immunology & Allergy of Iran , April 26-29 ,2012. Tehran.
- 7- L. Aghebati Maleki, B. Baradaran, J. Majidi, A. Aghebati Maleki, F. Zare Shahneh, F. Zamani. Risk factors of asthma in preschool children. 15th International congress of Immunology. August.2013, Milan, Italy.
- 8-B. Baradaran, J. Majidi, T. Kazemi, L. Aghebati, M. 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. August.2013, Milan, Italy.

9-B. Hosseini, B. Baradaran, J. Majidiz Zolbanin, A. Pasdaran, T. Kazemi, M. Orangi, L. Mohamadnejad1; Dichloromethane fractions of *Scrophularia oxyssepala* induce apoptosis in MCF-7 human breast cancer cells. 15th International congress of Immunology. August.2013, Milan, Italy.

10-A. Rezaieanesh, J. Majidi, B. Baradaran, A. Movasaghpour, A. Nakhband, J. Barar, Y. Omid. Anti EGFR monoclonal antibody inhibits prostate cancer PC3 cells growth. 15th International congress of Immunology. August.2013, Milan, Italy.

11-L. Aghebati Maleki, J. Majidi, B. Baradaran, J. Abdolalizadeh, A. Movassaghpour. Production and characterization of murine monoclonal antibodies against human synthetic peptide of CD34 . 15th International congress of Immunology. August.2013, Milan, Italy.

12-J. Majidi, B. Baradaran, Aghebati Maleki, J. Abdolalizadeh, A. Movassaghpour. Mass-production and characterization of anti-human CD34 monoclonal antibody in peritoneum of BALB/c mice . 15th International congress of Immunology. August.2013, Milan, Italy.

13-Leili Aghebati Maleki , Jafar Majidi , Behzad Baradaran , Aliakbar Movassaghpour, Jalal Abdolalizadeh Generation and characterization of anti-CD34 monoclonal antibodies reactive with hematopoietic stem cells. 21st International Iranian congress of physiology and pharmacology, August2013, Tabriz,Iran.

14-Mlekghasemi S, Majidi j, Daneshvar H, Abdolalizadeh J, Agebati L. Production and Purification of polyclonal antibody against attenuated and wild type leishmania infantum in dog. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

15-Aghebati Maleki L, Majidi J , Baradaran B, Yousefi M, Kazemi T, Shanebandi D, , Orangi M. Production and characterization of a monoclonal antibody against CD11b. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

16-Majidi J, Baradaran B, Aghebati Maleki L, Yousefi M, Kazemi T, Abdolalizadeh J, Movassaghpour A. Production of anti-CD14 monoclonal antibody using synthetic peptide of human CD14. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

17-Ezzatifar F, Majidi J, Abdolalizadeh J, Baradaran B, Aghebati L. Large Scale Generation and Characterization of Anti-Human IgA Monoclonal Antibody in Ascetic Fluid of Balb/c Mice. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

18-Aghebati Maleki L, Majidi J, Baradaran B, Abdolalizadeh J, Movassaghpour A. Production and Characterization of Murine Monoclonal Antibodies against Synthetic Peptide of CD34. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

19-Moradinebrin Z, Majidi J, Agebati L, Dadashi S, Ahmadi M, Eivazi S, abdolalizadeh J, kazemi T, majidi N. Purification of mouse IgG2a subclass. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

20-Ahmadi M, Majidi J, Aghebati L, Gharib T, Eivazy S, Dadashi S, Moradi Z, Abdolalizadeh J, Yousefi M, Zolali E. Evaluation of a simple and rapid protocol for purification of mouse IgG1. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.

- 21-Salimi M ,Majidi J,Tanomanda , Abdolalizade J, Aghebati L. Preparation and Evaluation of Polyclonal Anti Body Against ExotoxinA- Flagellin Fusion Protein of Pseudomonas aeruginosa in Rabbit. 12 th International Congress of Immunology & Allergy of Iran, Milad Tower-Tehran-Iran. 29th April -2th May, 2014.
- 22.Evaluation of the CCNE2 Gene Polymorphism in Iranian Patients with breast cancer Specific role of the monoclonal antibody for detection of Glomalin-Pb complex, a strategy for supplying and promoting of the food quality and security, 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 23.Purification of polyclonal antibody from dogs infected with Leishmania infantum. 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 24.Development and functional evaluation of anti-ROR1 scFv on a panel of B- CLL cells, 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 25.Isolation of Anti-IGF1R Single Chain Variable Fragment Antibodies by Phage Display Technology, 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 26.Rapid and simple digesting human IgG with pepsin and one step purification F(ab')₂ in large scale, 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 27.A Simple Method for Production of F(ab')₂ Prepared by Pepsin Digestion of Rabbit Anti Human IgG, 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 28.Isolation of single chain variable fragment (scFv) specific for Frizzled 7 (Fzd7) receptor from human single fold scFv libraries, 13th International Congress of Immunology & Allergy of Iran 26th- 29th April, 2016 Tabriz-Iran.
- 29.Production and Characterization of Anti-ROR1 scFvs by Phage Display Technology The 9th International Congress of Laboratory and Clinic
The 2th National Congress of Basic Medical Sciences & Knowledge-based Production
اسفند ۱۳۹۵ 3-6
- 30.Scale up Production and Characterization of Anti Human CD Markers Monoclonal Antibodies in Ascetic Fluid of Balb/c Mice, The 9th International Congress of Laboratory and Clinic
The 2th National Congress of Basic Medical Sciences & Knowledge-based Production
اسفند ۱۳۹۵ 3-6
- 30.Induction of anti-proliferative and apoptotic effects by anti-ROR1 receptor single chain antibodies in cancer cells The 9th International Congress of Laboratory and Clinic
The 2th National Congress of Basic Medical Sciences & Knowledge-based Production
اسفند ۱۳۹۵ 3-6
31. Anti-proliferative and apoptotic effects of novel anti-ROR1 single chain, The Third International Congress of Immunology, Asthma & Allergy, 15-17 February, 2017.
32. Isolation and characterization of anti ROR1 single chain fragment variable, The Third International Congress of Immunology, Asthma & Allergy, 15-17 February, 2017.
33. Development of a Hybridoma Cell Line Secreting Monoclonal Antibody against CD45, 1st National Festival and International Congress on Stem Cell and Regenerative Medicine (ICSC2016), Tehran,May 19-21, 2016.
34. Diagnostic test for ovarian cancer: Development of a Hybridoma Cell Line Secreting Monoclonal Antibody against tumor marker (CA-125), The 5th Iranian International Conference on Women's Health, Shiraz,Iran, 18 and 19, 2016.

35. Targeting receptor tyrosine kinases (RTKs): Selection and evaluation of a specific scFv antibody against ROR1, International Congress of Immunology, Asthma and Allergy The First Symposium of Food and Drug Allergy, Mashhad 6 May 2016.
36. Development and characterization of monoclonal antibodies against leukocyte common antigen towards using in basic research. 4th congress on Navel & Innovative laboratory Technologies, 26-27 Oct 2016
37. Circulating cell-free DNA as a Potential Biomarker in Diagnosis of Cancer, 4th congress on Navel & Innovative laboratory Technologies, 26-27 Oct 2016.
38. Macrophage repolarization using PLGA-PEG nanoparticles containing Chrysin: possible application in regenerative medicine, 14th international congress of Immunology and Allergy, Tehran, Iran, 2018 (ICIA2018).
39. TH17 and Treg frequencies in treatment of RPL women with immune abnormalities after IVIG therapy, 14th international congress of Immunology and Allergy, Tehran, Iran, 2018 (ICIA2018).
40. Effect of IVIG on exhausted T cell and exhausted regulatory T cells in women with recurrent miscarriage, 14th international congress of Immunology and Allergy, Tehran, Iran, 2018 (ICIA2018).
41. Preserving Th17/Treg Balance to be Considerable in the Pathogenesis of Behçet's Disease, 14th international congress of Immunology and Allergy, Tehran, Iran, 2018 (ICIA2018).

Membership

Iranian Society for Immunology and Allergy

Publication (Books):

1. Comprehensive Immunology, Masters and PhD students in the field of None of Immunology
2. Comprehensive Immunology Special Masters and PhD students in the field of immunology
3. Treasures of Immunology Tips Special Masters and PhD students in the field of immunology

PROFESSIONAL EXPERIENCES

1. Immunological techniques: such as MTT, TUNEL, cytokine assay, western blotting, ELISA, production of monoclonal antibody, Phage display technique Immunofluorescence and Flow cytometry.
2. Biochemistry techniques: PAGE, SDS-PAGE, purification techniques including: affinity chromatography, Ion exchange, Gel filtration
3. Microbiology techniques including: culture of bacteria
4. Animal cell culture technology including Isolation and culture of primary cells, cell line culture.

5. Animal manipulation: Immunization, creating Tumor, Immunotherapy of Tumors

EMPLOYMENT HISTORY

2007- Present Tabriz University of Medical Sciences, Medicine Faculty,
Immunology Department, Tabriz, Iran

Occupation/Position

Academic and Research member