Curriculum Vitae
Amin Ramezani, Ph.D.

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Present Academic Rank and Position

- ✓ **Associate Professor in Medical Biotechnology**, Department of Medical Biotechnology, Shiraz University of Medical Sciences, Shiraz, Iran, Dec 2023 - now
- ✓ **Head of R&D Department,** Shiraz Institute for Cancer Research, Shiraz University of Medical Sciences, Shiraz, Iran, January 2020 - now
- ✓ **Vice President for Research and Technology**, School of Advanced Medical Sciences and Technologies, Shiraz University of Medical Sciences, Shiraz, Iran, April 2024 – June 2025
- ✓ **Health Technology Development Manager**, Shiraz University of Medical Sciences, Shiraz, Iran, Feb. 2025-now

Previous Professional Positions

- ✓ **Assistant Professor in Medical Biotechnology**, Department of Medical Biotechnology, Shiraz University of Medical Sciences, Shiraz, Iran, May 2017 - Nov 2023
- ✓ **Research Assistant –** Institute of Biotechnology, Shiraz University, Shiraz, Iran, 2007-2012

Education:

- ✓ **Ph.D. in Medical Biotechnology**, Shiraz University of Medical Sciences, Shiraz, Iran, 2012-2017
- ✓ **M.Sc. in Biotechnology**, Imam International University, Ghazvin, Iran, 2004-2006
- ✓ **B.Sc. in Horticultural Sciences**, Vali-e-Asr University, Rafsanjan, Iran, 2000-2004

Honors:

- ✓ Top educational professor of 2022, selected by Shiraz University of Medical Sciences
- ✓ Top technology researcher of 2021, selected by Shiraz University of Medical Sciences
- ✓ Top young biotechnology researcher 2018, selected by Iranian Biotechnology Development Council
- ✓ PhD scholarship by the Shiraz University of Medical Sciences: 2015-2017
- ✓ 1St rank promoted in PhD courses, Shiraz University of Medical Sciences
- ✓ 1St rank promoted in B.Sc. courses.

Skills

✓ Molecular Biotechnology including: Monoclonal antibodies production, Tissue culture, Protein purification and assays by different protein chemistry methods, Gene cloning, Western blotting, ELISA and PCR. Updated in Recombinant Protein Production, Real Time PCR technique and Primer Design.

Inventions

- ✓ "Using temperature instead of high voltage in denaturing gels" numbered 37103 in Iranian Organization for Invention Registration
- ✓ "Vitamin measurement kit in the blood" numbered 102478 in Iranian Organization for Invention Registration

Professional Memberships and Societies

- ✓ American Society for Microbiology
- ✓ Iranian Biotechnology Society

Supervised Ph.D. Theses

- ✓ Production of anti-NKG2D-IL-15 fusokine to induce cytotoxic response against cancer cells.
- ✓ Production and Characterization of Recombinant anti-CD8-IL-15(N72D) fusion protein for Directed Activation of CD8 T Cells
- ✓ Assessment of PD-1 and CTLA4 Blockade, Using anti-PD-1 scFv-Fc and CD80-Fc Recombinant Fusion Proteins
- ✓ PDL-1 receptor suppression in breast cancer cells and concomitant Activation of T lymphocytes with bispecific T-cell engager (BiTE) releasing adipose derived mesenchymal stem cell (ACSs)
- ✓ Evaluation of the relationship between Mtor signaling pathway and Improvement of symptoms in patients with osteoarthritis during metformin treatment.
- ✓ Bioinformatics study, production and purification of fliC, NTgp96 proteins and their fusion forms with NSSB, as well as evaluation of their effect on expression of cytokine TNF-a in vitro
- ✓ Generation and characterization of recombinant anti-NKG2D–IL-15(N72D) fusion protein for directed activation of NK cells.
- ✓ Generation and characterization of anti-PDL1 CAR-NK cells as a therapeutic approach for cancer immunotherapy
- ✓ Generation of Anti CD38 Chimeric Antigen Receptor Natural Killer Cells as an Off-the-Shelf Cancer Immune Therapy Approach
- ✓ Characterization, expression and production of recombinant protein of phospholipaseA2(PLA2) coding gene in an Iranian scorpion, Scorpiomaurus and Investigation of it's leishmanacidal activity against Leishmania major

- ✓ Effect of Some Medicinal Plant Extracts on the Expression of Identified Key Genes Using Integration of Transcriptomic and Proteomic Data in Pancreatic Cancer
- ✓ Evaluation of the effect of B2 protein overexpression on Jurkat and Raji cell viability
- ✓ Investigation the effects of mutations of Spike glycoprotein and RdRP, expression of MDA5, ZBP1 and AIM2 genes and methylation rate of the IFITM1 promoter gene on outcome of SARS-CoV-2 infection in Kerman, Iran.
- ✓ Co-expression Analysis to Identify Some Hub Effective Genes Involved with Secondary Metabolites Biosynthesis in Rosmary.
- ✓ Construction, Expression and Purification of Anti CD22 scfv-MAP30 Recombinant Protein and Evaluation of its Inducing Apoptosis on Raji (CD22+) and Jurkat (CD22-) Cell Lines.
- ✓ Designing and production of recombinant ribonucleases and evaluation of their apoptotic effects on human cancer cells
- ✓ Generation of anti-human epidermal growth factor receptor- 2 (HER2) chimeric antigen receptor (CAR)-NK cells: A therapeutic approach for personalized cancer immunotherapy
- ✓ Exploration of potential pancreatic cancer associated biomarkers and production of recombinant protein to produce monoclonal antibodies using hybridima technology
- ✓ Multi-omics identification of potential breast cancer associated biomarkers and production of recombinant biomarker in eukaryotic CHO cells
- ✓ Production and Characterization of Recombinant anti-CD8-IL15(N72D) fusion protein for Directed Activation of CD8 T Cells
- ✓ Production of Recombinant Blinatumomab Antibody in Rice

Ph.D. Theses Under Supervision:

- ✓ Designing and evaluating the 3rd generation CAR T-meso to induce immune response against pancreatic cancer cell lines
- ✓ Multi-omics identification of potential breast cancer associated biomarkers and production of recombinant biomarker in eukaryotic CHO cells
- ✓ Generation of anti-human epidermal growth factor receptor- 2 (HER2) chimeric antigen receptor (CAR)-NK cells: A therapeutic approach for personalized cancer immunotherapy
- ✓ Exploration of potential pancreatic cancer associated biomarkers and production of recombinant protein to produce monoclonal antibodies using hybridima technology
- ✓ Production of Recombinant Blinatumomab Antibody in Rice

Workshops and Courses

- ✓ **Real Time PCR**, BioFlux-Far Gene Pouyesh, 2010
- ✓ **FPLC**, Shiraz University, 2011
- ✓ **Advanced Bioinformatics**, Shiraz University of Medical Sciences, 2012
- ✓ **Stem Cell**, Shiraz University of Medical Sciences, 2012
- ✓ **Recombinant Antibody Production**, Shiraz University of Medical Sciences, 2012
- ✓ **Proteomics**, Shiraz University of Medical Sciences, 2012
- ✓ **Non-Viral Vectors**, Shiraz University of Medical Sciences, 2013
- ✓ **Type 5 Adenoviral Vector Production**, Shiraz University of Medical Sciences, 2014
- ✓ **Citation 3, Cell Imaging Multi-Mode Reader**, Biotech Instrument Inc, 2015
- ✓ **Ethics in research**, Shiraz University of Medical Sciences, 2017
- ✓ **Ethics in clinical trials**, Shiraz University of Medical Sciences, 2017
- ✓ **Research Fellowship**, Shiraz University of Medical Sciences, 2017
- ✓ **Cultural Fellowship**, Shiraz University of Medical Sciences, 2018
- ✓ **Educational Fellowship**, Shiraz University of Medical Sciences, 2018

Publication List

Papers

1. Golestan A, Zareinejad M, **Ramezani A*.** Comprehensive biomarker profiles in hematological malignancies: improving diagnosis, prognosis, and treatment. Biomarkers in Medicine 2025 19(6) 223-238
2. Ebrahiminezhad A, Sohrabi S, Kargar M, **Ramezani A**, Berenjian A. Effects of reaction composition on the physicochemical and antimicrobial properties of copper-based nanoparticles fabricated via precipitation reaction. Journal of Materials Research 2025
3. Toghraie FS, Bayat M, Hosseini MS, **Ramezani A*.** Tumor-infiltrating myeloid cells; mechanisms, functional significance, and targeting in cancer therapy. Cellular Oncology. 2025
4. Maghsoodi N, Zareinejad M, Ghaderi A, Mahmoudi Maymand E, Iraji K, **Ramezani A*.** Anti-CD8/IL-15 (N72D)/sushi fusion protein: A promising strategy for improvement of cancer immunotherapy. Cytokine 2025 185
5. Alimoradi N, **Ramezani A**, Tahami M, Firouzabadi N. Metformin exhibits anti-inflammatory effects by regulating microRNA-451/CXCL16 and B cell leukemia/lymphoma 2 in patients with osteoarthritis. ACR Open Rheumatology 2025 7(1) e11755
6. Mikaili O, Kiadeh Zi, Khalatbari Limaki V, Goudarzi R, **Ramezani A**, Erfani N, Maleksabet A. Recombinant Engineered Human Pancreatic RNase1 Efficiently Targets and Eliminates Prostate Cancerous Cells. Iranian biomedical journal. 2024 28(7) 71-77
7. Yazdanpanah-Samani M, **Ramezani A**, Sheikhi A, Mostafavi-Pour Z, Erfani N. Anti-PD-L1 chimeric antigen receptor natural killer cell: Characterization and functional analysis. APMIS. 2024.28. doi: 10.1111/apm.13471. PMID: 39467012.
8. Alimoradi N, **Ramezani A**, Tahami T, Firouzabadi N. Metformin exhibits anti-inflammatory effects by regulating microrna-451/cxcl16 and b cell leukemia/lymphoma 2 in patients with osteoarthritis. ACR Open Rheumatology. 2024.9 (24)
9. Heidarnejad K, Faraji S.N., Mahfoozi S, Ghasemi Z, Dashti F.S., Asadi M, **Ramezani A***. Breast cancer immunotherapy using scFv antibody-based approaches, Human Immunology, 2024.85 (5)
10. Zareinejad MR, Faghih Z, **Ramezani A**, Safaei A, and Ghaderi A* Exploring heterogeneous expression of betaactin (ACTB) in bladder cancer by producing a monoclonal antibody 6D6. BMC Urology 2024. 24(124).
11. Roshanizadeh Z, Haghshenas MR, **Ramezani A**, Shajari N, Tahmasebi S, Akrami M, and Ghaderi A. Importance of Nectin2, NUF2, and Nectin4 Gene Expression in the Pathogenesis of Different Subtypes of Breast Cancer. Middle East Journal of Cancer. 10.30476/mejc. 2024.100701.
12. Keshvari T, Melnik S, Sun L, Niazi A, Aram F, Moghadam A, Kogelmann B, Knopp GW, Kallolimath S, **Ramezani A***, and Steinkellner H*. Efficient expression of functionally active aflibercept with designed N-glycans. Antibodies, 2024.13(2), 29.

13. Edalat F, Khakpour N, Heli H, Letafati A, **Ramezani A**, Hosseini SY, et al. Immunological mechanisms of the nucleocapsid protein in COVID-19. Scientific Reports. 2024.14 (1):3711.
14. Kordshouli SO, Tahmasebi A, Moghadam A, **Ramezani A***, Niazi A*. A comprehensive meta-analysis of transcriptome data to identify signature genes associated with pancreatic ductal adenocarcinoma. PLoS One. 2024.7;19(2):e0289561. doi:10.1371/journal.pone.0289561. PMID: 38324544.
15. Golestan A, Tahmasebi A, Maghsoodi N, Faraji SN, Irajie C, **Ramezani A***. Unveiling promising breast cancer biomarkers: an integrative approach combining bioinformatics analysis and experimental verification. BMC Cancer. 2024.31;24(1):155. doi: 10.1186/s12885-024-11913-7. PMID: 38291367.
16. Ahmadi N, Zareinejad M, Ameri M, Mahmoudi Maymand E, Nooreddin Faraji S, Ghaderi A, **Ramezani A***. Enhancing cancer immunotherapy with Anti-NKG2D/IL-15(N72D)/Sushi fusion protein: Targeting cytotoxic immune cells and boosting IL-15 efficacy. Cytokine.2024. 31;176:156505. doi:10.1016/j.cyto.2024.156505. PMID: 38301357.
17. Asadi M, Kiani R, Razban V, Faraji SN, Ahmadi A, Fallahi J, **Ramezani A**, Erfani N. Harnessing the Power of CAR-NK Cells: A Promising Off-the-Shelf Therapeutic Strategy for CD38- Positive Malignancies. Iran J Immunol. 2023.16;20(4). doi: 10.22034/iji.2023.100424.2691. PMID: 38102941.
18. Karimi S, Mehdipour F, Sarvari J, Ataollahi MR, **Ramezani A**, Meri S, Kalantar K. Investigation of the frequencies of various B cell populations in non-responder healthcare workers in comparison with responders to hepatitis B virus vaccination. Trans R Soc Trop Med Hyg. 2023. 1;117(9):628-636. doi: 10.1093/trstmh/trad016. PMID: 37052149.
19. Khademi F, Seghatoleslam A, **Ramezani A**, Mostafavipour Z, Ghasemi H. (2023) Regulation of Epithelial-Mesenchymal Transition by Cyrtopodion Scabrum: An in vitro Study against Colorectal Cancer Cells. Asian Pac J Cancer Prev. 2023. 1;24(8):27652772. doi: 10.31557/APJCP.2023.24.8.2765. PMID: 37642063; PMCID: PMC10685223.
20. Arefinia N, Yaghobi R, **Ramezani A**, Sarvari J. Sequence Analysis of Hot Spot Regions of Spike and RNA-dependent-RNA polymerase (RdRp) Genes of SARS-CoV-2 in Kerman, Iran. Mediterr J Hematol Infect Dis. 2023. 1;15(1):e2023042. doi: 10.4084/MJHID.2023.042. PMID: 37435034.
21. Maghsoodi N, Zareinejad M, Golestan A, Mahmoudi Maymand E, Ramezani A*. (2023) Anti-CD19/CD8 bispecific T cell engager for the potential treatment of B cell malignancies. Cell Immunol. 11;393-394:104787. doi: 10.1016/j.cellimm.2023.104787.
22. **Ramezani A***, Zareinejad M, Mahmoudi Maymand E, Kaviani E, Ghaderi A*. Production of a Biosimilar Version of Aflibercept to Improve VEGF Blocker Cytotoxicity on Endothelial Cells. Growth Factor, 2023. 41(3), 140-151.
23. Alimoradi N, Tahami M, Firouzabadi N, Haem E, **Ramezani A**. Metformin attenuates symptoms of osteoarthritis: role of genetic diversity of Bcl2 and CXCL16 in OA. Arthritis Res Ther. 2023. 7;25(1):35. doi: 10.1186/s13075-023-03025-7.
24. Moeinzadeh L, **Ramezani A***, Mehdipour F, Yazdanpanah-Samani M, Razmkhah M*. Activation of T Lymphocytes with AntiPDL1-BiTE in the Presence of Adipose-Derived Mesenchymal Stem Cells (ASCs). BioMed Research International. 2023:7692726. doi.org/10.1155/2023/7692726

25. Arefinia N, Yaghobi R, **Ramezani A**, Farokhnia M, Arab Zadeh AM, and Sarvari J. Association of IFITM1 promoter methylation with severity of SARS CoV-2 infection. Clinical Laboratory. 2023. 1;69(4). doi:10.7754/Clin.Lab.2022.220622.
26. Akrami S. Tahmasebia A. Moghadam A. **Ramezani A***. Niazi A. Integration of mRNA and protein expression data for the identification of potential biomarkers associated with pancreatic ductal adenocarcinoma. Computers in Biology and Medicine. 2023. 157:106529. doi:10.1016/j.compbiomed.106529.
27. Mazloom Rezaei M, Hosseini M, Ahmadi N, Asgari A, Eftekhar E, **Ramezani A***. Introducing a New Method for Purification of Human IL-4 by Substitution of a Single Amino Acid in IL-4 Protein Sequence. Iran J Immunol. 2022. 19(4): 436-445.
28. Kaviani E, Hosseini A, Mahmoudi Maymand E, Ramzi M, Ghaderi A, **Ramezani A***. Triggering of lymphocytes by CD28, 4-1BB, and PD-1 checkpoints to enhance the immune response capacities. PLoS ONE 2022. 17(12): doi.org/10.1371/journal.pone.0275777.
29. Arefinia N, **Ramezani A**, Farokhnia M, Arab Zadeh AM, Yaghobi R, and Sarvari J. Association between expression of ZBP1, AIM2, and MDA5 genes and severity of COVID-19. EXCLI Journal 2022. 21:1171-1183.
30. Soltan-Alinejad P, Alipour H, Soltani A, Asgari Q, **Ramezani A**, Mehrabani D, and Azizi K. Molecular Characterization and In Silico Analyses of Maurolipin Structure as a Secretory Phospholipase A2 (sPLA2) from Venom Glands of Iranian Scorpio maurus (Arachnida: Scorpionida). Journal of Tropical Medicine 2022. doi.org/10.1155/2022/1839946.
31. Rahdan, S., S. A. Razavi, M. Nazari, S. Shojaeian, F. Shokri, M. M. Amiri, **Ramezani A**, and A. H. Zarnani. 'Optimization of Expression and Purification of Recombinant Mouse plac1', Avicenna Journal of Medical Biotechnology, 2022. 14(1): 61-69.
32. Hassanzadeh, MA, Golestan A, Tahmasebi A, and **Ramezani A***. In Silico Identification of NKAIN1 Gene as a Potential Breast Cancer Associated Biomarker and Validation Using Real Time PCR Technique. Journal of Jiroft University of Medical Sciences 2022. 9(1): 853-862.
33. Maleksabet A, Zarei Jaliani H, Asgari A, **Ramezani A**, Erfani N. Specific Targeting of Recombinant Human Pancreatic Ribonuclease 1 using Gonadotropin-Releasing Hormone Targeting Peptide toward Gonadotropin-Releasing Hormone Receptor-Positive Cancer Cells. Iran J Med Sci. 2021. 46(4):281-290. doi: 10.30476/ijms.
34. Amiri A, Abbasi A, Dehghani M, **Ramezani A**, Ramezani F, Zal F, Mostafavi-Pour Z. New perspectives of quercetin and vitamin C effects on fibronectin-binding integrins and chemokine receptors in prostate cancer cell lines. Bratisl Lek Listy. 2021. 122(7):507-512. doi: 10.4149/BLL_2021_082. PMID: 34161119.
35. **Ramezani, Amin***. 'CtNorm: Real time PCR cycle of threshold (Ct) normalization algorithm', J Microbiol Methods, 2021. 187: 106267.
36. **Ramezani, A***., Asgari, A., Kaviani, E., Hosseini, A., Ghaderi, A. Tatibody, a recombinant antibody with higher internalization potency Molecular Immunology, 2021. 135, pp. 320–328
37. Asadi, M., Ahmadi, N., Ahmadvand, S., Erfani, N., **Ramezani, A***. Investigation of olfactory receptor family 51 subfamily j member 1 (OR51J1) gene susceptibility as a potential breast cancerassociated biomarker PLoS ONE. 2021. 16, e0246752
38. Ghorbani A, Samarfard S, **Ramezani A**, Izadpanah K, Afsharifar A, Eskandari MH, Karbanowicz TP, Peters JR. Quasi-species nature and differential gene expression of

severe acute respiratory syndrome coronavirus 2 and phylogenetic analysis of a novel Iranian strain. Infect Genet Evol. 2021. 85:104556. PMID: 32937193.

39. Khatami SH, Taheri-Anganeh M, Movahedpour A, Savardashtaki A, **Ramezani A**, Sarkari B, Mostafavi-Pour Z. Serodiagnosis of human cystic echinococcosis based on recombinant antigens B8/1 and B8/2 of Echinococcus granulosus. J Immunoassay Immunochem. 2020. 14:1-11. doi: 10.1080/15321819.2020.1807359.
40. Heidari, F. **Ramezani, A**. Erfani, N & Razmkhah, M. Indoleamine 2, 3-Dioxygenase: A Professional Immunomodulator and Its Potential Functions in Immune Related Diseases, International Reviews of Immunology. 2020. DOI:10.1080/08830185.2020.1836176
41. Toghraie FS, Ghaderi A, and **Ramezani A*.** Homology Modeling of an Alternative Splice Variant of Human Granulocyte Colony-Stimulating Factor, G-CSF Isoform D, and Study of Its Binding Properties by Molecular Docking. Int J Pept Res Ther. 2020. 26, 43–51. https://doi.org/10.1007/s10989-019-09814-6.
42. Rezaei Z, Pouladfar G, **Ramezani A**, Mostafavi-Pour Z, Abbasian A, Shahriari B, and Pourabbas B. Importance of L. Infantum H2B Recombinant Antigen for Serodiagnosis of Visceral Leishmaniasis. Iran J Immunol. 2019 16(4):311-320. doi:10.22034/IJI.2019.80282.
43. Rezaei Z, Reet N.V, Pouladfar G, Kühne V, **Ramezani A**, Sarkari B, Pourabbas B and Büscher P. Expression of a rK39 homologue from an Iranian Leishmania infantum isolate in Leishmania tarentolae for serodiagnosis of visceral leishmaniasis. Parasit Vectors. 2019. 18;12(1):593. doi: 10.1186/s13071-019-3839-3.
44. Asgari A, Sharifzadeh S, Ghaderi A, Hosseini A, and **Ramezani A***. In vitro cytotoxic effect of Trastuzumab in combination with Pertuzumab in breast cancer cells is improved by interleukin-2 activated NK cells. Mol Biol Rep. 2019. 46(6):6205-6213. doi.org/10.1007/s11033-019-05059-0
45. Toghraie FS, Yazdanpanah-Samani M, Mahmoudi Maymand E, Hosseini A, Asgari A, **Ramezani A**, Ghaderi A. Molecular Cloning, Expression and Purification of G-CSF Isoform D, an Alternative Splice Variant of Human G-CSF. Iranian journal of allergy, asthma, and immunology. 2019.18(4):419-26.
46. Yousefinejad F, Jowkar F, Barani S, Jamali E, Mahmoudi E, **Ramezani A**, et al. Killer cell immunoglobulin-like receptors (KIRs) genotype and haplotype analysis in Iranians with nonmelanoma Skin Cancers. Iranian Biomedical Journal. 2019;23(5):330-7.
47. Hashemi SMA, Sarvari J, Fattahi MR, Dowran R, **Ramezani A**, Hosseini SY. Comparison of ISG15, IL28B and USP18 mRNA levels in peripheral blood mononuclear cells of chronic hepatitis B virus infected patients and healthy individuals. Gastroenterology and Hepatology from Bed to Bench. 2019;12(1):38-45.
48. Ghaderi F, Ahmadvand S, **Ramezani A**, Montazer M, and Ghaderi A,. Production and characterization of monoclonal antibody against a triple negative breast cancer cell line. Biochemical and biophysical research communications 2018; 505 (1), 181-186.
49. Zargar P, Ghani E, Mashayekhi FJ, **Ramezani A**, Eftekhar E. Acriflavine enhances the antitumor activity of the chemotherapeutic drug 5-fluorouracil in colorectal cancer cells. Oncology letters. 2018;15(6):10084-90.
50. Shaaban Z, Shirazi MRJ, Nooranizadeh MH, Tamadon A, Rahmanifar F, Ahmadloo S, **Ramezani A**, et al. Decreased expression of arginine-phenylalanine-amide-related peptide-3 gene in dorsomedial hypothalamic nucleus of constant light exposure model

of polycystic ovarian syndrome. International journal of fertility & sterility. 2018;12(1):43.
51. **Ramezani A**, Ghaderi A. Using a Dihydrofolate Reductase-Based Strategy for Producing the Biosimilar Version of Pertuzumab in CHO-S Cells. Monoclonal antibodies in immunodiagnosis and immunotherapy. 2018;37(1):26-37.
52. Khajeh S, Razban V, Talaei-Khozani T, Soleimani M, Asadi-Golshan R, Dehghani F, **Ramezani A**, et al. Enhanced chondrogenic differentiation of dental pulp-derived mesenchymal stem cells in 3D pellet culture system: effect of mimicking hypoxia. Biologia. 2018;73(7):715-26.
53. Kavousipour S, Mokarram P, Gargari S, Mostafavi-Pour Z, Barazesh M, **Ramezani A**, et al. A Comparison between Cell, Protein and Peptide-Based Approaches for Selection of Nanobodies against CD44 from a Synthetic Library. Protein and peptide letters. 2018;25(6):580-8.
54. Toghraie FS, Sharifzadeh SM, **Ramezani A**, Maymand EM, Yazdanpanah-Samani M, Ghaderi A. Cloning and Expression of Recombinant Human Interleukin-7 in Chinese Hamster Ovary (CHO) Cells. Reports of biochemistry & molecular biology. 2017;6(1):66.
55. Rashidi M, Seghatoleslam A, Namavari M, Amiri A, Fahmidehkar MA, **Ramezani A**, et al. Selective Cytotoxicity and apoptosisinduction of Cyrtopodion scabrum extract against digestive cancer cell lines. Int J Cancer Mana. 2017.
56. **Ramezani A**, Maymand EM, Yazdanpanah-Samani M, Hosseini A, Toghraie FS, Ghaderi A. Improving Pertuzumab production by gene optimization and proper signal peptide selection. Protein expression and purification. 2017;135:24-32.
57. Atapour A MP, Mostafavi-Pour Z, **Ramezani A**. Molecular Cloning, Expression, and Purification of a Recombinant Fusion Protein (rNT-gp96-NT300). BioPharm International. 2017;30(10):38-44.
58. Razieh D JS, Afagh Moattari, M R Fattahi, **Ramezani A**, S Y Hosseini. Analysis of TLR7, SOCS1 and ISG15 immune genes expression in the peripheral blood of responder and non-responder patients with chronic Hepatitis C. Gastroenterology and Hepatology from Bed to Bench. 2017;10(4).
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60. Mosaviazam B, **Ramezani A**, Morowvat MH, Niazi A, Mousavi P, Moghadam A, et al. HSP70 Gene Expression Analysis in Dunaliella salina Under Salt Stress. International Journal of Pharmacognosy and Phytochemical Research 2016; 8(5); 767-770
61. Moezzi L, Keshavarz Z, Ranjbaran R, Aboualizadeh F, BehzadBehbahani A, Abdullahi M, **Ramezani A**, et al. Fetal RHD genotyping using real-time polymerase chain reaction analysis of cell-free fetal DNA in pregnancy of RhD negative women in South of Iran. International journal of fertility & sterility. 2016;10(1):62.
62. Karami Kheirabad M, Ahmadloo S, Namavar Jahromi B, Rahmanifar F, Tamadon A, **Ramezani A**, et al. Promjene u RF-amidu srodnom peptidu-3 hipotalamusa i ekspresijama gena Kiss1 tijekom spermatogeneze kod štakora u uvjetima kroničnog stresa. Veterinarski arhiv. 2016;86(6):841-56.
63. Karami Kheirabad M, Ahmadloo S, Namavar Jahromi B, Rahmanifar F, Tamadon A, **Ramezani A**, et al. Alterations of hypothalamic RFamide related peptide-3 and Kiss1

gene expressions during spermatogenesis of rat in chronic stress conditions. Veterinarski arhiv. 2016;86(6):841-56.
64. Eini M, Behzad-Behbahani A, Takhshid MA, **Ramezani A**, Dehbidi GRR, Okhovat MA, et al. Chimeric external control to quantify cell free DNA in plasma samples by real time PCR. Avicenna journal of medical biotechnology. 2016;8(2):84.
65. Abdullahi M, Ranjbaran R, Alyasin S, Keshavarz Z, **Ramezani A**, Behzad-Behbahani A, et al. Expression of basophil activation markers in pediatric asthma. Iranian Journal of Immunology. 2016;13(1):27-36.
66. Kheirabad MK, Jahromi BN, Tamadon A, **Ramezani A**, Ahmadloo S, Sarvestan FS, et al. Expression of melanocortin-4 receptor mRNA in male rat hypothalamus during chronic stress. International journal of molecular and cellular medicine. 2015;4(3):182.
67. Kheirabad KM, Ahmadloo S, Jahromi NB, Tamadon A, **Ramezani A**, Sarvestani SF, et al. RF-Amide Related Peptide mRNA Expression in Male Rat Dorsomedial Hypothalamic Nucleus during Chronic Stress. International Journal of Fertility & Sterility. 2015; 9:52.
68. Jahromi NB, Kheirabad KM, Ahmadloo S, Tamadon A, **Ramezani A**, Sarvestani SF, et al. Effect of Chronic Stress on Kiss-1 mRNA Expression in Male Rat Arcuate Hypothalamic Nucleus. International Journal of Fertility & Sterility. 2015;9:45.
69. Gholijani N G, Kalantar F, **Ramezani A**, Z Amirghofran. Modulation of Cytokine Production and Transcription Factors Activities in Human Jurkat T Cells by Thymol and Carvacrol. Advanced pharmaceutical bulletin. 2015;5(1).
70. Zargari S, **Ramezani A**, Ostvar S, Rezaei R, Niazi A, Ayatollahi S. Isolation and characterization of gram-positive biosurfactantproducing halothermophilic bacilli from Iranian petroleum reservoirs. Jundishapur journal of microbiology. 2014;7(8).
71. Niazi A, **Ramezani A**, Dinari A. GSTF1 gene expression analysis in cultivated wheat plants under salinity and ABA treatments. Molecular biology research communications. 2014;3(1):9.
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Presentations

1. Modification of single-nucleotide resolution of DNA fragments using low-voltage denaturing polyacrylamide gel electrophoresis. 1st Agricultural Biotechnology Conference of Iran, July 2006
2. Assessment of genetic diversity of Iranian grapevine genotypes using microsatellite markers, 5th Iranian Horticultural Science Congress, Sept. 2007
3. Determination of genetic relationship between Iranian and Russian grape genotypes using microsatellite markers, 5th Iranian Horticultural Science Congress, Sept. 2007
4. Assessment of the relationship between microsatellite loci and fruit traits in grapevine and determination of Informative markers. 5th National Biotechnology Congress of Iran, Nov. 2007
5. Isolation and sequencing of 16SrDNA genes of Biosurfactant-producing Halo-thermophilic bacteria from Southern Iranian Petroleum Reservoirs. 11th Iranian genetic congress, May 2010
6. Expression of KiSS-1 genes in hypothalamus of rat during estrous cycle Biotechnology in animal science September 2011
7. Expression of RFamide related peptide 3 genes in hypothalamus of rat during estrous cycle Biotechnology in animal science, September 2011
8. P-21: RF-Amide Related Peptide mRNA Expression in Male Rat Dorsomedial Hypothalamic Nucleus during Chronic Stress 16th Congress on Reproductive Biomedicine and 10th Royan Nursing and Midwifery Seminar, September 2015
9. P-5: Effect of Chronic Stress on Kiss-1 mRNA Expression in Male Rat Arcuate Hypothalamic Nucleus, 16th Congress on Reproductive Biomedicine and 10th Royan Nursing, September 2015
10. Therapeutical monoclonal antibody in clinical practice: from cancer to asthma and allergy. The 10th biennial asthma and allergy congress on Iranian society, Oct. 2015
11. The transcription level of IFN-α induced SOCS-1 gene, as a predictive factor for response to therapy in HCV infected patient, 13th International Congress of Immunology & Allergy of Iran, April, 2016
12. Using CHO cell-based expression platforms for the production of Pertuzumab, The 18th Medical Biotechnology Congress, Belgium, May 2019
13. Production of pharmaceutical MAP30 protein in PichiaPink expression system, The 18th Medical Biotechnology Congress, Belgium, May 2019
14. New advancement in production of biological response modifiers in cancer, 15th International Congress of Immunology & Allergy, January 2021
15. Cancer and immunotherapeutic strategies, 15th International Congress of Immunology & Allergy, January 2021
16. In silico modeling of a 3rd generation chimeric antigen receptor against Mesothelin, 15th International Congress of Immunology & Allergy, January 2021

Books

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Submitted Gene Sequences

1.	Bacillus mycoides strain SH2 16S ribosomal RNA gene,	HM037178.1	2010
2.	Geobacillus thermodenitrificans strain Bio103 16S ribosomal	HM748450.1	2010
3.	Geobacillus thermodenitrificans strain Bio12 16S ribosomal	HM748451.1	2010
4.	Geobacillus thermoglucosidasius strain Bio13 16S ribosomal	HM748452.1	2010
5.	Geobacillus stearothermophilus strain Bio14 16S ribosomal	HM748453.1	2010
6.	Geobacillus thermodenitrificans strain Bio21 16S ribosomal	HM748454.1	2010
7.	Geobacillus thermodenitrificans strain Bio3 16S ribosomal	HM748455.1	2010
8.	Geobacillus thermodenitrificans strain Bio5 16S ribosomal	HM748456.1	2010
9.	Geobacillus thermodenitrificans strain Bio51 16S ribosomal	HM748457.1	2010
10.	Geobacillus thermodenitrificans strain Bio7 16S ribosomal	HM748458.1	2010
11.	Geobacillus stearothermophilus strain Bio71 16S ribosomal	HM748459.1	2010
12.	Geobacillus thermoglucosidasius strain Bio8 16S ribosomal	HM748460.1	2010
13.	Cronobacter sakazakii strain Bio1(En) 16S ribosomal RNA	HM748461.1	2010
14.	Enterobacter cloacae strain Bio4(En)16S ribosomal RNA	HM748462.1	2010
15.	Triticum aestivum pyridoxal kinase mRNA, complete cds	HQ023236.1	2010
16.	Enterobacter hormaechei strain Bio102 16S ribosomal RNA	JX495601.1	2012
17.	Enterobacter cloacae strain Bio103 16S ribosomal RNA gene,	JX495602.1	2012