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1. Maryam Rad, Gholamhossein Ebrahimipour, **Mojgan Bandehpour**, Omid Akhavan, Fatemeh Yarian. SOEing PCR/Docking Optimization of Protein A-G/scFv-Fc-Bioconjugated Au Nanoparticles for Interaction with Meningitidis Bacterial Antigen. Catalysts 2023, 13, 790. <https://doi.org/10.3390/catal13050790>

2. Rezaee D, **Bandehpour M**, Kazemi B, Bastaminejad S, Najafi S, Salehi M. Cytokine changes and embryo attachment in mouse endometrial cells following treated with peripheral blood mononuclear cells (PBMCs) expressing ectopic hCG, and hCG-activated PBMCs. *Asian Pac J Reprod* 2023; 12(2): 90-96.
3. Shadi Paydarfar, Mohammad Amin Abbasi, Ali Hashemi, Sodabe Taheri, **Mojgan Bandehpour**, Nariman Mosaffa. Serum Level of Antibodies Against Novel *Acinetobacter Baumannii* OmpA selected Peptides in ICU Staff: Promise for the Future of Vaccine Development. *Iran J Allergy Asthma Immunol*.
4. Maryam Rad, Gholamhossein Ebrahimipour, **Mojgan Bandehpour**, Omid Akhavan, Fatemeh Yarian. *Neisseria meningitidis* detection by coupling bacterial factor H onto Au/scFv antibody nanohybrids. *Applied Physics A* (2023) 129:401.
5. **Bandehpour, M.**, Dehghani, N., Jaliani, H. Z., & Asadi-saghandi, A. (2023). Modified phenol/chloroform-free DNA isolation from yeast and other fungi by non-enzymatic salting out method. *Current Protocols*, 3, e749. doi: 10.1002/cpz1.749
6. Khajavi M, Yarian F, Ahangarzadeh SH, **Bandehpour M**. Computational analysis, design and expression of hybrid antibody in Single Chain Fragment Variable (scFv) form for identifying surface antigen factor H binding protein (fHbp) of *Neisseria meningitidis*. *Medical Science Journal of Islamic Azad University, Tehran Medical Branch* 2023; 33(1): 50-58.
7. Jafari, Z., **Bandehpour, M.**, Kaboli, M. and B. Kazemi, (2023). Partial proteomics of *Montivipera raddei* venom. *Trends Pept. Protein Sci.*, 8: e2.
8. Zohreh Jafari , **Mojgan Bandehpour**, Shivasadat Gheflat, Nasrin Mohammadi, Bahram Kazemi, Cloning, Expression and Purification of Full-length Recombinant Ecarin and Comparing Its Expression and Function with Its Truncated Form, *Iranian Journal of Pharmaceutical Research* 21 (2022) e2: 1-12
9. Nasrin Mohammadi, **Mojgan Bandehpour**, Fattah Sotoodehnejadnematalahi, Bahram Kazemi, Prokaryotic expression, evaluation, and prediction of the structure and function of the ecarin metalloproteinase domain. *Proteins*. 2022. 1-8. DOI: 10.1002/prot.26275
10. Shirin Tarahomjoo, **Mojgan Bandehpour**, Mohammad Aghaebrahimian, Salimeh Ahangaran. Soluble *Diphtheria* Toxin Variant, CRM 197 Was Obtained in *Escherichia coli* at High Productivity Using SUMO Fusion and an Adjusted Expression Strategy. *Protein and Peptide Letters*. 2022, DOI: 10.2174/0929866529666220209155738 PMID: 35139782
11. M Mirzarazi, S Bashiri, A Hashemi, M Vahidi, B Kazemi, **M Bandehpour**, The OmpA of commensal *Escherichia coli* of CRC patients affects apoptosis of the HCT116 colon cancer cell line. *BMC microbiology* 2022;22 (1), 1-12
12. D Rezaee, **M Bandehpour**, B Kazemi, S Hosseini, Z Dehghan, Effects of human chorionic gonadotropin-producing peripheral blood mononuclear cells on the endometrial receptivity and implantation sites of the mouse uterus. *Korean Journal of Fertility and Sterility*.
13. S Ghani, N Deravi, M Pirzadeh, B Rafiee, ZR Gatabi, **M Bandehpour**, Antibody fragment and targeted colorectal cancer therapy: A global systematic review. *Current Pharmaceutical Biotechnology* 23 (8), 1061-1071. 2022. doi: 10.2174/1389201022666210810104226.
14. B Sedaghati, R Haddad, **M Bandehpour**, Purslane (*Portulaca oleracea* L.) as a novel green-bioreactor for expression of human serum albumin (HSA) gene. *Transgenic Research* 31 (3), 369-380. 2022
15. AA Ghavidel, V Jajarmi, **M Bandehpour**, B Kazemi, Polycistronic Expression of Multi-Subunit Complexes in the Eukaryotic Environment: A Narrative Review. *Iranian Journal of Parasitology* 17 (3), 286-295. 2022
16. Maryam Rad, Gholamhossein Ebrahimipour, **Mojgan Bandehpour**, Omid Akhavan, Fatemeh Yarian. Enzymatic Formation of Recombinant Antibody-Conjugated Gold Nanoparticles in the Presence of Citrate Groups and Bacteria. *Catalysts* 2022, 12, 1048. <https://doi.org/10.3390/catal12091048>.
17. Hanieh Rezaee, Mohammad Salehi, **Mojgan Bandepour**, Sima Kalantari, Sara Hosseini, Khosrow Agin, Bahram Kezemi. Production of CFTR Mutant Gene Model by Homologous Recombination System. *Cell J*. 24:10, 2022.

18. Behnam Sedaghati, Raheem Haddad, **Mojgan Bandehpour**, Bahram Kazemi. Improving the accumulation of recombinant human serum albumin (HSA) in transgenic tobacco plants by fusion with the N-terminal proline-rich domain of γ -zein (Zera). *Transgenic Research*.2022: <https://doi.org/10.1007/s11627-021-10216-x>. 2022.
19. Mahsa Mirzarazi 1, **Mojgan Bandehpour**, Apoptosis Induction by Lactobacillus casei Acidic Proteins in the Colorectal Cancer Cell Line. *Novel Biomed*. 2022;10(4):241-5.
20. Shams, F., Moravvej, H., **Bandehpour M.**, Hosseinzadeh, S.,Rahimpour, A., Moosavian, H.Overexpression of VEGF in dermal fibroblast cells accelerates the angiogenesis and wound healing function: in vitro and in vivo studies. *Scientific Reports*. this link is disabled, 2022, 12(1), 18529
21. Afshin Abdi Ghavidel, Shahin Aghamiri, Vahid Jajarmi, **Mojgan Bandehpour**, Bahram Kazemi. The Influence of Different Culture Media on the Growth and Recombinant Protein Production of Iranian Lizard Leishmania Promastigote. *Iranian Journal of Parasitology* this link is disabled, 2022, 17(4), pp. 543–553
22. Behnam Sedaghati, Raheem Haddad, **Mojgan Bandehpour**. Development of an efficient in-planta Agrobacterium-mediated transformation method for Iranian purslane using sonication and vacuum infiltration. *Acta Physiologiae Plantarum*. 2021; 43:17
23. Ghani, S., Bahrami, S., Rafiee, B., **Bandehpour, M.**, Kazemi, B. Recent developments in antibody derivatives against colorectal cancer; A review. *Life Sciences*, 2021, 265, 118791
24. Akram Jalali, **Mojgan Bandehpour**, Rouzbeh Chegeni, Hossein Ghanbarian, Yasaman Mardani-Dashti, Sayyed Hamid Zarkesh-Esfahani, Bahram Kazemi, Expression, Purification, and Evaluation of Anti-IL-2R α Antibody Secreted by Leishmania tarentolae, *International Journal of Peptide Research and Therapeutics* (2021) 27:301–307
25. Narges Dadfarma , Jamileh Nowroozi, Bahram Kazemi , **Mojgan Bandehpour***, Identification of the effects of acid-resistant Lactobacillus casei metallopeptidase gene under colon-specific promoter on the colorectal and breast cancer cell lines, *Iranian Journal of Basic Medical Sciences*, 2021; 24(4):506-513
26. Mina Saadat, Masoud Gandomkar, Akram Bahreinipour, **Mojgan Bandehpour***, Bahram Kazemi, Nariman Mosaffa. Evaluation of the designed multi-epitope protein of Brucella melitensis in guinea pigs. *Iran J Basic Med Sci* 2021; 24:833-841
27. Sahar Sadeghi, **Mojgan Bandehpour***, Mostafa HajiMolla Hosseini, Zarin Sharifnia. Intranasal administration of immunogenic poly-epitope from influenza H1N1 and H3N2 viruses adjuvanted with chitin and chitosan microparticles in BALB/c mice. *Iran J Basic Med Sci* 2021; 24:1126-1137 .
28. Narges Dadfarma, **Mojgan Bandehpour***, Jamileh Nowroozi, Bahram Kazemi. Isolated metallopeptidase from Lactobacillus casei: A Computational study. *Trends in Peptides and Proteins*. 2021; 6:e5
29. Sahar Sadeghi, **Mojgan Bandehpour***, Mostafa HajiMolla Hosseini, Bahram Kazemi. Designing and Expression of an Immunogenic Poly-Epitope Protein from Streptococcus pneumonia. *Trends Pept. Protein Sci.*, 2021; 6: e4 .
30. Sepideh Ghani, Fatemeh Yarian, **Mojgan Bandehpour**, Bahram Kazemi. An in-silico approach and experimental analysis combination: Two strategies for selecting the third extracellular domain (D-EC3) of human CD133 marker as a target for detection of cancer stem cells. 2021; *IJPR*
31. Mahsa Mirzarazi, **Mojgan Bandehour**, Ali Hashemi, Mahmoud Vahidi, Afsoon Taghavi, Soroor Bashiri, Bahram Kazemi, Antibiotic Resistance, Phylogenetic Group, and enotyping Investigation in Escherichia coli

Strains of Gut Flora in Patients with Colorectal Cancer in Iranian Population. *Biomed Biotechnol Res J* 2021; 5:313-9.

32. Golgis Karimi, Mina Saadat, Gheflat Shivasadat, Kazemi Bahram, **Bandehpour M.** The effect of three acid-resistant isolated proteins from *Lactobacillus casei* on lipid and carbohydrate metabolism pathway-related genes: An In vitro study. *Biomed Biotechnol Res J* 2021;5: 276-80.
33. Shadi Paydarfar, Ali Hashemi, Mohammad Amin Abbasi, **Mojgan bandehpour**, Ali Bakhtiari, Fatemeh Tajik, Nariman Mosaffa, Investigation of preformed design *Acinetobacter Baumannii* outer membrane protein A peptide vaccine candidate in reaction with serum antibodies from ICU Staff members. *Research in Medicine* 2021; Vol.44; No.4; 607-612 .
34. Kobra Mehdinejadani, Ali Hashemi, **Mojgan Bandehpour**, Hoda Rahmani, Mohammad Mehdi Ranjbar, Vahid Yardel, Seyed Amir Jalali, and Nariman Mosaffa. Evaluation of the New Outer Membrane Protein A Epitope- based Vaccines for Mice Model of *Acinetobacter baumannii* Associated Pneumonia and Sepsis Infection. *Iran J AllergyAsthmaImmunol.* 2021;1-13
35. نسرین محمدی، مرگان بنده پور، فتاح ستوده نژاد نعمت الهی، بهرام کاظمی. تولید نو ترکیب دمین متالوپروتئیناز ایکارین به عنوان فعال . دوره 11. شماره 43. NCMBJ. 2021 .K293.کننده اصلی پروترومبین در سلول
36. Sepideh Ghani, Niloofar Deravi, Marzieh Pirzadeh, Behnam Rafiee, Zahra Rezanejad Gatabi, **Mojgan Bandehpour**, Fatemeh Yarian. Antibody fragment and targeted colorectal cancer therapy: A global systematic review. *curr Pharm Biotechnol.* 2021 Aug 9. doi: 10.2174/1389201022666210810104226.
37. Zahra Davoudi, Amirhossein Taramchi, Bahram Kazemi, **Mojgan Bandehpour**, Nariman Mosaffa. Cloning, expression, purification and functional analysis of a specific multi-epitope protein from multi drug resistance *Acinetobacter baumannii*. *Iranian Journal of Microbiology.* 2021; 5: 642-652.
38. Afshin Abdi, Mahbubeh Rojhannezhad, **Mojgan Bandehpour**, Bahram Kazemi. Effectiveness of Coronavirus Vaccines against Syndrome Coronavirus 2(SARS-CoV-2) and Its New Variants. REVIEW ARTICLE. *Iran J Allergy Asthma Immunol* December 2021; 20(6):647-671.
39. Sepideh Ghani, Fatemeh Yarian, **Mojgan Bandehpour**, Bahram Kazemi. An In-silico Approach and Experimental Analysis Combination: Two Strategies for Selecting the third Extracellular Domain (D-EC3) of Human CD133 Marker as a Target for Detection of Cancer Stem Cells. *Iranian Journal of Pharmaceutical Research* (2021), 20 (4): 80-91
40. Zohreh Jafari , **Mojgan Bandehpour**, Shivasadat Gheflat, Nasrin Mohammadi, Bahram Kazemi, Cloning, Expression and Purification of Full-length Recombinant Ecarin and Comparing Its Expression and Function with Its Truncated Form, *Iranian Journal of Pharmaceutical Research* 21 (2022) e2: 1-12
41. .Delsuz Rezaee, **Mojgan Bandehpour**, Bahram Kazemi, Mohammad Salehi, Role of intrauterine administration of transfected peripheral blood mononuclear cells by GM-CSF on embryo implantation and pregnancy rate in mice, *Molecular Human Reproduction*, 2020, <https://doi.org/10.1093/molehr/gaz068>
42. Armina Alagheband Bahrami, **Mojgan Bandehpour**, Bahman Khalesi, Bahram Kazemi, Computational Design and Analysis of a Poly-Epitope Fusion Protein: A New Vaccine Candidate for Hepatitis and Poliovirus, *International Journal of Peptide Research and Therapeutics*, 2020; 26:389-403

43. Armina Alagheband Bahramia, **Mojgan Bandehpour**, Bahram Kazemi, Mahmood Bozorgmehr, Nariman Mosaffa, Rouzbeh Chegeni, Assessment of a poly-epitope candidate vaccine against Hepatitis B, C, and poliovirus in interaction with monocyte-derived dendritic cells: An ex-vivo study, *Human Immunology*, 2020, 81:218-227
44. Amin Barkhordari, Abbas Behzad-Behbahani, Vahid Jajarmi, **Mojgan Bandehpour**, Gholamreza Rafiei Dehbidi, Fatemeh Safari, Fereydoun Mahboudi, Bahram Kazemi. Direct Cloning, Expression and Purification of Human Activated Thrombin in Prokaryotic System and CD Analysis Report of Produced Thrombin: Molecular Characterization of Recombinant Thrombin, *International Journal of Peptide Research and Therapeutics*, 2020; <https://doi.org/10.1007/s10989-020-10046-2>
45. Aliyar MIRZAPOUR, Seyyed Javad SEYYED TABAEI, **Mojgan BANDEHPOUR**, Ali HAGHIGHI, Bahram KAZEMI, Designing a Recombinant Multi-Epitope Antigen of *Echinococcus granulosus* to Diagnose Human Cystic Echinococcosis, *Iran J Parasitol: Vol. 15, No. 1, Jan-Mar 2020*, pp.1-10.
46. Samira Bahrami, Ali Gheysarzadeh, Mehdi Sotoudeh, **Mojgan Bandehpour**, Reza khabazian, Hakimeh Zali, Mehdi Hedayati, Abbas Basiri, Bahram kazemi, The Association Between Gelsolin-like Actin-capping Protein (CapG) Overexpression and Bladder Cancer Prognosis, *Urology Journal*, 2020, doi: 10.22037/uj.v0i0.5664. Online ahead of print.
47. Abbas Alibakhshi, **Mojgan Bandehpour**, Zarin Sharifnia, Bahram Kazemi, The development and evaluation of a multi-epitope antigen as a serodiagnostic marker of *Toxoplasma gondii* infection, *Adv Clin Exp Med*. 2020;29(6)
48. Hadiyah Rafighdoust, Shahrzad Ahangarzadeh, Fatemeh Yarian, Ramezan Ali Taheri, Arezou Lari, **Mojgan Bandehpour**, Mona Salahshoor Dahr, Bioinformatics prediction and experimental validation of VH antibody fragment interacting with *Neisseria meningitidis* factor H binding protein, *Iran J Basic Med Sci* 2020; 23:1-6.
49. Akram Jalali, **Mojgan Bandehpour**, Rouzbeh Chegeni, Hossein Ghanbarian, Yasaman Mardani-Dashti, Sayyed Hamid Zarkesh-Esfahani & Bahram Kazemi, Expression, Purification, and Evaluation of Anti-IL-2R α Antibody Secreted by *Leishmania tarentolae*, 2020, *International Journal of Peptide Research and Therapeutics*
50. Mahmood Vahidi, **Mojgan Bandehpour***, Bahram Kazemi, Mahmood Bozorgmehr, Production Design of Efficient Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor Under a Gene-Specific Promoter in Prokaryotic System, *Crescent Journal of Medical and Biological Sciences*, Vol. 7, No. 3, July 2020, 314–321
51. Sargol Aminnejad, Ahya Abdi-Alia, Tooba Ghazanfarib, **Mojgan Bandehpour**, Mahboobe Zarrabie, Immunoinformatics design of multivalent chimeric vaccine for modulation of the immune system in *Pseudomonas aeruginosa* infection. *Infection, Genetics and Evolution*. 2020. 85:104462
52. Fatemeh Zahedipour, Rouzbeh Chegeni, Shivasadat Gheflat, Bahram Kazemi, **Mojgan Bandehpour**. Heart Diseases Associated Genes. *Novelty in Biomedicine*. 2020. 8(3):135-41.
53. Armina Alagheband Bahrami, **Mojgan Bandehpour**, Bahram Kazemi, Mahmood Bozorgmehr, Nariman Mosaffa, Rouzbeh Chegenie. Assessment of a poly-epitope candidate vaccine against Hepatitis B, C, and poliovirus in interaction with monocyte-derived dendritic cells: An ex-vivo study, *Human Immunology*, 2020

54. Narges Dadfarma, Golgis Karimi, Jamileh Nowroozi, Naser Nejadi, Bahram Kazemi, **Mojgan Bandehpour**, Proteomic analysis of *Lactobacillus casei* in response to different pHs using two-dimensional electrophoresis and MALDI TOF mass spectroscopy, *Iranian Journal of Microbiology*, 2020; 12(5), 431-436.
55. Zarin Sharifnia, **Mojgan Bandehpour**, Hamed Hamishehkar, Nariman Mosaffa, Bahram Kazemi, Nosratollah Zarghami, In-vitro Transcribed mRNA Delivery Using PLGA/PEI Nanoparticles into Human Monocyte-derived Dendritic Cells, *Iranian Journal of Pharmaceutical Research*, 2019,18(4); 1659-1675
56. Armina Alaghand Bahrami, Zahra Payandeh, Saeed Khalili, Alireza Zakeri & **Mojgan Bandehpour**, Immunoinformatics: In silico study and computational design of a multi-epitope, immunogenic protein, *International Reviews of Immunology*, 2019, doi:10.1080/08830185.2019.1657426
57. Sharifnia Z, **Bandehpour M**, Kazemi B, Zarghami N, Design and Development of Modified mRNA Encoding Core Antigen of Hepatitis C Virus: a Possible Application in Vaccine Production, *Iranian Biomedical Journal* 23(1): 57-67 January 2019
58. Fatemeh Yarian, Bahram Kazemi, **Mojgan Bandehpour**, Identification and characterization of a novel single-chain variable fragment (scFv) antibody against *Neisseria meningitidis* factor H-binding protein (fHbp). *J Med Microbiol.* 2018, 67: 820-827
59. Elaheh Dianati, **Mojgan Bandehpour**, Mehrdad Hashemi and Bahram Kazemi, Amidolytic Activity of Factor VII Expressed in Iranian Lizard *Leishmania*, *Trends in Peptide and Proteins*, 2018;3(DOI: <http://dx.doi.org/10.22037/tpps.v3i0.20924>)
60. Shirin Eyvazi, Safar Farajnia, Siavoush Dastmalchi, Farzad Kanipour, Habib Zarredar, **Mojgan Bandehpour**, Antibody based EpCAM targeted therapy of cancer, *Current Cancer Drug Target*, 2018,18,DOI: 10.2017/1568009618666180102102311
61. Shirin Eyvazi, Bahram Kazemi, **Mojgan Bandehpour**, Siavoush Dastmalchi, Identification of a novel single chain fragment variable antibody targeting CD24-expressing cancer cells, *Immunology Letters* 190,2017, 240-246
62. Shirin Eyvazi, Bahram Kazemi, Siavoush Dastmalchi, **Mojgan Bandehpour**, Involvement of CD24 in Multiple Cancer Related Pathways Makes It an Interesting New Target for Cancer Therapy, *Current Cancer Drug Targets*, 2017, 17(9), epub
63. Marzieh Sameni¹, Mazaher Gholipourmalekabadi, **Mojgan Bandehpour**, Mehrdad Hashemi, Farzin Sahebjam, Varya Tohidi, Bahram Kazemi, Evaluation of In vivo Bioactivity of a Mutated Streptokinase, *Novelty in Biomedicine*, 2017
64. **Mojgan Bandehpour**, Fatemeh Yarian and Shahrzad Ahangarzadeh, Bioinformatics evaluation of novel ribosome display-selected single chain variable fragment (scFv) structure with factor H binding protein through docking, *Journal of Theoretical and Computational Chemistry* Vol. 16, No. 3 (2017)
65. Shahrzad Ahangarzadeh , **Mojgan Bandehpour**, Bahram Kazemi, Selection of single-chain variable fragments specific for *Mycobacterium tuberculosis* ESAT-6 antigen using ribosome display, . *Iran J Basic Med Sci* 2017; 20:327-333

66. HajarYaghoobi, BahramKazemi, and **MojganBandehpour**, Sensitization of Radio-ResistantLung Cancer Cells with a B Subunit of Bacterial Cytolethal Distending Toxin from *Aggregatibacter actinomycetemcomitans*, *IranJCancerPrev.* 2017,10(2):e5792.
67. Hajar Yaghoobi , **Mojgan Bandehpour ***, Effect of Human HSP90 on Secondary and Tertiary Structures of Core Protein of Hepatitis C Virus and HbsAg of Hepatitis B Virus, 2017,TPPS. 1 :(2)
68. Hajar Yaghoobi , **Mojgan Bandehpour ***, Effect of Human HSP90 on Secondary and Tertiary Structures of Core Protein of Hepatitis C Virus and HbsAg of Hepatitis B Virus, 2017,TPPS. 1(2):
69. Milad Taherian, Hajar Yaghoobi and **Mojgan Bandehpour***, Evaluation of the Coagulant Effect of the Zanjani and Latifi Viper Venom Endemic in Iran, *Trands in Peptide and Protein Sciences* 2016; 1(1):27-30
70. Hajar Yaghoobi, **Mojgan Bandehpour***, Bahram Kazemi,Apoptotic Effects of the B Subunit of Bacterial Cytolethal Distending Toxin on the A549 Lung Cancer Cell Line, *Asian Pacific Journal of Cancer Prevention, Cancer Control in Western Asia Special Issue*, 2016,17:299-304
71. Fatemeh Jafarinejad, **Mojgan Bandehpour***, Shiva Sadat Gheflat, Bahram Kazemi, Evaluation of Modification in M2 gene of Influenza H1N1 virus in expression in BL21 E-coli, *The Quarterly journal of School of Medicine*, 2016; 39, 2: 69-73
72. A Rashnonejad, C Gündüz, SY Süslüer, H Onay, B Durmaz, **M Bandehpour** and F Özkinay, In vitro gene manipulation of spinal muscular atrophy fibroblast cell line using gene-targeting fragment for restoration of SMN protein expression, *Gene Therapy.* 2016; 23, 10 –17
73. Fatemeh Yarian, **Mojgan Bandehpour***, Negar Seyed, Bahram Kazemi, Cloning, expression and purification of the factor H binding protein and its interaction with factor H, *Iranian Journal of Microbiology*, 2016, 8 (1): 29-35
74. Tina Nafarieh, **Mojgan Bandehpour**, Latif Gachkar, Sodabeh Taheri, Ali Hashemi, Amirhossein Lotfi, Vahid Yardel, Hamidreza Jamaati, Zarin Sharifnia, Nariman Mosaffa, The study of serum antibody level in patients with *Acinetobacter baumannii* infection and comparing with healthy people and intensive care unit personnel, *Pajoohandeh*, 2016, 20(3): 171-180
75. Hadi Mirzaei,Bahram Kazemi, **Mojgan Bandehpour**, Alireza Shoari, Vahid Asgari, Mehdi Shafiee, Armin Madadkar-Sobhani, Reza Ahangari Cohan, Computational and nonglycosylated systems: a simpler approach for development of nanosized PEGylated proteins, *Drug Design, Development and Therapy*, 2016:10 1–8
76. Somaie Tavakoli, **Mojgan Bandehpour**, Zeinab Soleimanifar, Mehdi Goudarzi, Bahram Kazemi, Cloning and Expression of Recombinant Nucleoprotein of Influenza H1N1, *Novelty in Biomedicine* 2015;2:53-6
77. Mahboobeh Mobarrez, **Mojgan Bandehpour**, Massoud Salehmoghadam, Bahram Kazemi, Fibrinolytic Activity of Recombinant Mutant Streptokinase, *Novelty in Biomedicine* 201 5; 2: 89-93
78. 38.Mahdieh Javaherian, Zarin Sharifnia, Robabeh Taheripanah, **Mojgan Bandepour**, Mohammad Soleimani, Bahram Kazemi, Using recombinant *Chlamydia trachomatis* OMP2 as antigen in diagnostic ELISA test, *Iranian Journal of Microbiology*, 2014;6(1): 8-13
79. Hossein Piri , Bahram Kazemi , Iraj Khodadadi , Maryam Javadi , **Mojgan Bandehpour**, Jamshid Karimi , Amir Ziaee , Amaneh Koochaki , Ali Torabi , Mohammad Taghi Goodarzi. Preparation of Preproinsulin Gene Construct Containing the Metallothionein2A (pBINDMTChIns) and Its

Expression in NIH3T3 Cell Line and Muscle Tissue of Alloxan Diabetic Rabbits. *Avicenna J Med Biochem.* 2014; 2(2): e21646.

80. Marzieh Sadeghi, **Mojgan Bandehpour**, Fatemeh Yarian, Vahidreza Yassaee, Elham Torbati, Bahram Kazemi, Cloning and Expression of Influenza H1N1 NS1 Protein in *Escherichia Coli* BL21, *Iran J Biotech.* 2014; 12(1).
81. Shahab Shafeian, **Mojgan Bandehpour**, Sina Mirzaahmadi, Azadeh Tofighi, Identification of Anaerobic Bacteria in patients with Rheumatoid Arthritis. *Novelty in Biomedicine*, 2013; 1: 39-42
82. Mohsen Rahmanian Kooshkaki, **Mojgan Bandehpour**, Bahram Kazemi, The design of the constructs of cpsD and simA genes of *Streptococcus iniae*, *Novelty in Biomedicine*, 2013; 1(4): 92-96.
83. H. Hashemi, S. Pouyanfard, **M. Bandehpour**, M. Mahmoudi, M. Bernasconi, B. Kazemi, T. Mokhtari-Azad, Efficient endotoxin removal from T7 phage preparations by a mild detergent treatment followed by ultrafiltration, *Acta virologica*, 2013; 57: 373-374.
84. Zarin Sharifnia, Nariman Mosaffa, Mahvash Khodabandeh, Roya Yaraee, Bahram Kazemi, **Mojgan Bandehpour**, Human β hsp90 as adjuvant in HCV Recombinant vaccine, *Journal of Paramedical Sciences*, 2013; 4(3) 99-105.
85. Elham Torbati, **Mojgan Bandehpour**, Parviz Pakzad, Nariman Mosaffa, Ameneh Koochaki, Bahram Kazemi, The Evaluation of Hepatitis C Virus Core Antigen in Immunized Balb/C Mice, *Hepat Mon.* 2012; 12(6): 391-397
86. **Mojgan Bandehpour**, Zarrin Sharifni, Nasrin Mohajeri, Maryam Taherkhani, Ameneh Koochaki, Fatemeh Yarian, Negar Seyyed, Ramin Shirvani, Parviz Pakzad, Habibollah Saadat and Bahram Kazemi, Comparative study of the reactivity of natural and mutated streptokinase with total antistreptokinase antibodies in human sera, *Blood Coagulation and Fibrinolysis* 2012; 23.
87. Somayeh Pouyanfard, Taravat Bamdad, Hamidreza Hashemi, **Mojgan Bandehpour**, Bahram Kazemi Induction of Protective Anti-CTL Epitope Responses against HER-2-Positive Breast Cancer Based on Multivalent T7 Phage Nanoparticles, *PLOS ONE*. 2012; 7(11): e49539
88. Hamidreza Hashemi, Somayeh Pouyanfard, **Mojgan Bandehpour**, Zahra Noroozbabaei, Bahram Kazemi, Xavier Saelens, Tala Mokhtari-Azad, Immunization with M2e-Displaying T7 Bacteriophage Nanoparticles Protects against Influenza A Virus Challenge, *PLOS ONE*. 2012; 7(9): e45765.
89. Hossein Piri, Bahram Kazemi, Mohsen Rezaei, **Mojgan Bandehpour**, Iraj Khodadadi, Taghi Hassanzadeh, Jamshid Karami, Fatemeh Yarian, Habibillah Peirovi, Amir Hossein Tavakoli, Mohammad Taghi Goodarzi, Construction of Plasmid Insulin Gene Vector Containing Metallothionein IIA (pcDNAMTChIns) and Carbohydrate response element (ChoRE), and Its Expression in NIH3T3 Cell Line, *Int J Endocrinol Metab.* 2012; 10(3): 543-547.
90. Nasrin Mohammadi, **Mojgan Bandehpour**, Fatemeh Yarian, Parvis Pakzad, Bahram Kazemi, Mehdi Besharat, Cloning and expression of *Corynebacterium diphtheriae* toxin gene, *African Journal of Microbiology Research* .2011; 5(19): 3018-3023
91. Golnaz Asaadi Tehrani, Sina Mirzaahmadi, **Mojgan Bandehpour**, Faramarz Laloee, Akram Eidi, Toraj Valinasab and Bahram Kazemi, Molecular cloning and expression of the luciferase coding genes of *Vibrio fischeri*, *African Journal of Biotechnology*. 2011; 10(20): 4018-4023

92. Atieyeh Taherian Fard, Fariha Hasan, **Mojgan Bandehpour**, Nariman Mosaffa, Fatemeh Mashhadi Abbas, Abdul Hameed, Aamer Ali Shah and Bahram Kazemi - Cloning and expression of C-terminal of *Clostridium perfringens* type A enterotoxin and its biological activity, African Journal of Microbiology Research 2010; 4(14):1469-1474
93. **Mojgan Bandehpour**, Mahvash Khodabandeh, Nariman Mosaffa and Bahram Kazemi. Designing an efficient procedure for Purification of Recombinant Human β HSP90. DARU J. 2010
94. Kazemi B, Tohidi F, **Bandehpour M**, Yarian F, Molecular cloning, expression and enzymatic assay of pteridine reductase 1 from Iranian lizard *Leishmania*. Iran Biomed J.2010; 14(3):97-102
95. **Mojgan Bandehpour**, Narges Abdali, Farzaneh Sadeghi, Kazem Parivar, Zarrin Sharifnia, Hossein Ryahi Ali Haghighi and Bahram Kazemi. Cloning and expression of Brucella Cyclic β -1, 2 Glucan Transporter Gene. Iranian Journal Of Clinical Infectious Diseases.2009; 4(1): 3-7.
96. **Mojgan Bandehpour**, Mahvash Khodabandeh, Bahram Kazemi. Cloning and Expression of Hepatitis B virus Surface Antigen. Hepatitis Monthly. 2008; 8(1): 17-21.
97. Negar Seyed, Parvaneh Shekari, **Mojgan Bandehpour**, Zarrin Sharifnia, Kazem Parivar, Bahram Kazemi. Production of mutant streptokinase recombinant protein. Iranian Journal Of Clinical Infectious Diseases. 2008;3(4): 179-183.
98. Bahram Kazemi, Negar Seyed, **Mojgan Bandehpour**, and Parviz Pakzad. Cloning, Expression and Purification of Truncated Chlamydia trachomatis OMP2 Protein and its Serological Assay by ELISA. Iran.J.Immunol. 2008;5.3.
99. Bahram Kazemi, Negar Seyed, **Mojgan Bandehpour**, Parviz Pakzad. Cloning, Expression and Purification of Truncated Chlamydia trachomatis OMP2 Protein and its Serological Assay by ELISA. Iranian Journal of Immunology.2008;5 (3): 148-155.
100. Bahram Kazemi, **Mojgan Bandehpour**, Negar Seyed, Mehrnaz Roozbehi and Nariman Mosaffa. Cloning and Expression of HCV Core Protein in pGemex-1 Expression Vector. Arch Iranian Med. 2008;11(2): 173- 178.
101. Bahram Kazemi, Shaily Varasteh- Moradi, **Mojgan Bandehpour**, Negar Seyed, Parviz Pakzad, Farzaneh Tafviziand. Genotypic determination of Hepatitis C virus in Tehran using PCR-RFLP analysis. Gene Therapy and Molecular Biology. 2007;11(B): 321-328
102. **Mojgan Bandehpour**, Negar Seyed, Mehdi Shadnoosh, Parviz Pakzad, Bahram Kazemi. Using recombinant Chlamydia Major Outer Membrane Protein (MOMP) in ELISA diagnostic kit. Iranian Journal of Biotechnology.2006; 4(4): 239- 244
103. Bahram Kazemi, Faranak Fallahian, Negar Seyed, **Mojgan Bandehpour**, Ashraf Shabani and Parinaz Ghadam. Molecular cloning of the streptokinase mutant gene. Pakistan journal of Biological Sciences. 2006;9(3): 557-559
104. Bahram Kazemi, Farzaneh Tafvizi and **Mojgan Bandehpour**. Determination of HCV genotypes in Iran. Biotechnology.2005;4(2):139-143.
105. Bahram Kazemi, **Mojgan Bandehpour**, Hamed Yahyazadeh. Mahnaz Roozbehi, Negar Seyed, Abbas Ghotasloo, and Akram Taherpour. Comparative study on HCV detection in Iranian patients by RT- PCR and ELISA techniques during 2001-2003. Journal of Medical Sciences. 2004;4(2):132- 135.

