

CURRICULUM VITAE
SEYED MOHAMMAD MOAZZENI (Ph.D)
PROFESSOR OF IMMUNOLOGY



SEX: MALE
DATE OF BIRTH: 20 FEB 1960
NATIONALITY: IRANIAN
MARITAL STATUS: MARRIED WITH TWO CHILDREN

QUALIFICATION:

- 1- B. Sc. (1986). BIOLOGY (SHIRAZ UNIVERSITY, SHIRAZ).
- 2- M. Sc. (1988). IMMUNOLOGY (TARBIAT MODARRES UNIVERSITY, TEHRAN).
- 3- Ph. D. (1995). IMMUNOLOGY (TARBIAT MODARRES UNIVERSITY, TEHRAN).

Research Experience:

- Antigen purification.
- Reproductive Immunology
- Cellular and Molecular Immunology
- Dendritic cells and immunresponse
- Stem cells and Immunomodulation

Teaching Experience:

- Taught: General immunology, Molecular biology and immunology, Vaccines (recombinant vaccines & DNA vaccines) and vaccination, Immunity to infectious diseases, Immunogenetics and advanced immunology.
- Directed postgraduate students in above mentioned research fields in laboratory.

Instrumental & Technical:

- HLA typing.
- Immunophenotyping using immunofluorescence techniques & FACS systems.
- Antigen purification using various methods such as: solubilization techniques, various kinds of chromatography, electrophoresis, immunoblotting etc.
- Tissue culture methods, hybridoma technology & immortalization of cells.
- Immunohistochemical & Immunochemical methods.
- Isolation and differentiation of dendritic cells, antigen pulsing, MLR, cytokines assays, cytotoxicity assay
- Analysis of immunresponses in vitro.

Employment Experience:

Professor of Immunology, Immunology Department, Faculty of Medical Sciences, Tarbiat Modarres University, Tehran, I.R. IRAN, 03/95 - present.

Awards:

- 1. Travel award of 12th International Congress of Immunology. 18-23 July 2004, Montreal, Canada.** For presentation of: Immunoregulatory activity of supernatants from short –term cultures of mouse decidual tissue on antigen presentation by dendritic cells. A.H. Zarnani, S.M. Moazzeni, F. Shokri, M. Salehnia, A.A. Bayat, S.A.R. Mahmoodi, M. Heidari, P. Dokoohaki, R. Ghods, M. Jeddi Tehrani.
- 2. 12th Razi Medical Sciences Research Festival Award, Tehran, October 2006.** For Outstanding Ph. D Research project entitled: “Characterization of decidual dendritic cells during mouse pregnancy”. Done by: A.H. Zarnani, Supervised by: S.M. Moazzeni.
- 3. Second Yazd International Student Research Award in Reproductive Medicine.** For Outstanding M. Sc. Research Project entitled: “The Effect of Pregnant Mouse Serum on IDO induction in Dendritic Cells.” Done by: Sh. Nikoo, Supervised by: S.M. Moazzeni.
- 4. The 8th Royan International Research Award, Tehran September 2007.** For selection of our research project entitled “Dendritic cells and Pregnancy: A Bidirectional Relationship to Protect the Semiallogenic Fetus” as the best research project in female infertility field. The first Iranian winner of Royan International Award.

Academic and Scientific Positions:

- Head of Immunology Department, Tarbiat Modarres University, 1996-2001.
- Member of Board of Iranian Society for Immunology and Allergy, 1999- Present.
- The Representative of Iranian Society for Immunology and Allergy in Federation of Immunological Societies of Asia Oceania (FIMSA) Council, 2000-Present.
- Editorial Board Member of Iranian Journal of Immunology, 2004-Present.
- Editorial Board Member of Modarres Medical Journal, 2006-Present.
- Editorial Board Member of Archive of Razi Institute, 2006-Present.
- Scientific Secretariat of the 5th Iranian Immunology Congress, 17-19 May 2000, Tehran, Iran.

PUBLICATIONS (English):

- 1-** Biased utilization of immunoglobulins variable region heavy and light chain genes by the Burkitt's lymphoma. S.M. Moazzeni, G. Mosayyebi, F.K. Stevenson, S. Abbot, R.A. Mageed, F. Shokri. *International Journal of Cancer*, 58, 226-232, 1994.
- 2-** HLA antigens in Iranian patients with B-cell chronic lymphocytic leukemia. S.M. Moazzeni, A.A. Amirzargar, F. Shokri. *Pathology Oncology Research*, 5, 142-145, 1999.
- 3-** Case report: Chronic dermatophyte infection in a patient with vitiligo and discoid lupus erythematosus. A.R. Khosravi, P. Mansouri, M. Moazzeni. *Mycoses*, 43(7-8), 317-9, 2000.
- 4-** Histological study of the effect of vitrification using ethylene glycol as cryoprotectant on the mouse ovarian tissue. M. Salehnia, S.M. Moazzeni. *Middle East Fertility Society Journal*, 6(3), 233-238, 2001.
- 5-** The in vitro assessment of TNF production accompanying ABO & Rh(D) incompatibilities. K. Kadkhoda, S.M. Moazzeni, A.A. Pourfathollah. *Transfusion Today*, 49, 5-6, 2001.
- 6-** The effect of murine leukemia inhibitory factor on in vitro differentiation of mouse embryonic stem cells. A.A. Movassagh-Pour, M. Salehnia, A.A. Pourfathollah, S.M. Moazzeni. *Iranian Journal of Reproductive Medicine*, 1(1), 12-15, 2003.
- 7-** Morphological and cytochemical characteristics of purified splenic dendritic cells. A.H. Zarnani, S.M. Moazzeni, F. Shokri, M. Salehnia, A.A. Bayate, S.A.R. Mahmoodi, P. Dokouhaki, M. Jeddi-Tehrani. *Iranian Journal of Allergy, Asthma and Immunology*, 2(3), 139-144, 2003.
- 8-** Role of rotaviruses in children with acute diarrhea in Tehran, Iran. A.H. Zarnani, S.H. Modarres, F. Jadali, F. Sabahi, S.M. Moazzeni, F. Vazirian. *Journal of Clinical Virology*, 29(3), 189-193, 2004.
- 9-** Oral manifestations in selective IgA deficiency. J. Nikfarjam, Z. Pourpak, M. Shahrabi, L. Nikfarjam, S.M. Moazzeni, A. Aghamohammadi. *International Journal of Dental Hygiene*, 2, 19-25, 2004.
- 10-** Comparison of functional competence of umbilical cord and adult peripheral blood dendritic cells in allogeneic mixed leukocyte reaction. N. Naderi, A.A. Pourfathollah, M. Nikogoftar, K. Alimoghaddam, A. Ghavamzadeh, S.M. Moazzeni. *Iranian Journal of Immunology*, 2(1), 21-28, 2005.
- 11-** Expression of *Escherichia coli* heat-labile enterotoxin B subunit (LTB) in *Saccharomyces cerevisiae*. M.A. Rezaee, A. Rezaee, S.M. Moazzeni, A.H. Salmanian, Y. Yasuda, K. Tochikubo, S.N. Pirayeh, M. Arzanlou. *Journal of Microbiology*, 43(4), 354-60, 2005.

- 12-** Production of monoclonal antibody against alkaline phosphatase. M.M. Eftekharian, S.M. Moazzeni, A.A. Pourfathollah, A.R. Khabiri. *Human Antibodies*, 14, 17-21, 2005.
- 13-** Induction of micronuclei in mice lymphocytes exposed to microwave and toluene. S.B. Mortazavi, A. Safari, A. Khavanin, A. Kazemnejad, S.M. Moazzeni, A. Rezaee. *American Journal of Applied Science*, 2(9), 1321-324, 2005.
- 14-** Preliminary investigation on the isolation of alginate produced by mucoid *Pseudomonas aeruginosa*. N. Kashef, Q. Behzadian-nejad, S. Najar-Peerayeh, K. Mousavi-Hosseini, M. Moazeni, H. Rezvan, B. Adibi-Mtlagh. *Annals of Microbiology*, 55(4), 279-282, 2005.
- 15-** Analysis of endometrial myeloid and lymphoid dendritic cells during mouse estrous cycle. A.H. Zarnani, S.M. Moazzeni, F. Shokri, M. Salehnia, M. Jeddi- Tehrani. *Journal of Reproductive Immunology*, 71(1), 28-40, 2006.
- 16-** The efficient isolation of murine splenic dendritic cells and their cytochemical features. A.H. Zarnani, S.M. Moazzeni, F. Shokri, M. Salehnia, P. Dokouhaki, J. Shojaian, M. Jeddi-Tehrani. *Histochemistry and Cell Biology*, 126(2), 275-282, 2006.
- 17-** Synthesis and characterization of *Pseudomonas aeruginosa* alginate-tetanus toxoid conjugate. N. Kashef, Q. Behzadian-Nejad, S. Najar-Peerayeh, K. Mousavi-Hosseini, S.M. Moazzeni, G. Esmaeeli-Djavid. *Journal of Medical Microbiology*, 55, 1441 – 1446, 2006.
- 18-** Dendritic cell maturation with CpG for tumor immunotherapy. S. Arab, M. Motamdi, N. Khansari, S.M. Moazzeni, Z. Gheflati, J. Hadjati. *Iranian Journal of Immunology*, 3(3), 99-105, 2006.
- 19-** Kinetics of murine decidual dendritic cells. A.H. Zarnani, S.M. Moazzeni, F. Shokri, M. Salehnia, M. Jeddi-Tehrani. *Reproduction*, 133, 275-283, 2007.
- 20-** Immediate hypersensitivity to *Malassezia furfur* in patients with atopic dermatitis. A.R. Khosravi, M.T Hedayati, P. Mansouri, H. Shokri, S.M. Moazzeni. *Mycoses*, 50(4), 297-301 2007.
- 21-** High production of IL-18 by dendritic cells induced by sera from patients with primary antibody deficiency. M. Neurizadeh, A. Aghamohammadi, S.M. Moazzeni, M. Mahdavi, N. Rezaei, J. Hajati. *Iranian Journal of Allergy Asthma and Immunology*, 6(2), 59-65, 2007.
- 22-** The study of immunosuppressive effect of pregnant mouse serum on allostimulatory activity of dendritic cells. J. Shojaeian, S.M. Moazzeni, A.H. Zarnani. *Journal of Reproductive Immunology*, 75(1), 23-31, 2007.
- 23-** Influence of type one piliation on chemotaxis and intracellular killing of uropathogenic *E. coli* by human polymorphonuclear leukocytes. S. Najar Peerayeh, N. Nooritalab,

- S.M. Moazzeni, M. Sattari. *Pakistan Journal of Biological Sciences*, 10(15), 2599-2602, 2007.
- 24-** Cephalin as an efficient fusogen in hybridoma technology, can it replace poly ethylene glycol? R. Golestani, A.A. Pourfathoolah, S.M. Moazzeni. *Hybridoma*, 26(5), 296-301 2007.
- 25-** Altered dendritic cell function in response to sera of common variable immunodeficiency patients. M. Nourizadeh, A. Aghamohammadi, S.M. Moazzeni, M. Mahdavi, A. Jalili, N. Rezaei, J. Hadjati. *Inflammation Research* 56, 527-532, 2007.
- 26-** APAAP complex: Production and usage in immunocytochemical and immunohistochemical staining. M. Nasser, S.M. Moazzeni, A.A. Pourfathoolah. *Human Antibodies* 16, 107-115, 2007.
- 27-** Experimental autoimmune encephalomyelitis (EAE) induced by antigen pulsed dendritic cells in C57BL/6 mouse: Influence of injection route. N. Aghdami, F. Gharibdoost, S. M. Moazzeni. *Experimental Animals*, 57(1), 45-55, 2008.
- 28-** Structural study on immunoglobulin G solution after pasteurization with and without stabilizer. A. Aghaie, A.A. Pourfathoolah, S.Z. Bathaie, S.M. Moazzeni, H. Khorsandeh Mohammadpour, S. Banazadeh. *Transfusion Medicine*, 18, 62-70, 2008.
- 29-** PPD extract induces the maturation of human monocyte-derived dendritic cells. K. Bagheri, N. Delirez, S.M. Moazzeni. *Immunopharmacology Immunotoxicology*, 30, 91-104, 2008.
- 30-** *Listeria monocytogenes* activated dendritic cell based vaccine for prevention of experimental tumor in mice. M. Khamisabadi, S. Arab, M. Motamedi, N. Khansari, S. M. Moazzeni, Z. Gheflati, J. Hadjati. *Iranian Journal of Immunology* 5(1), 36-44, 2008.
- 31-** Microenvironment of the fetomaternal interface protect semiallogenic fetus through its immunomodulatory activity on dendritic cells. A.H. Zarnani, S.M. Moazzeni, F. Shokri, M. Salehnia, P. Dokoochaki, R. Ghods, A.R. Mahmoodi, M. Jeddi Tehrani. *Fertility and Sterility*, 90(3), 781-8, 2008.
- 32-** Preparation of antibody against horseradish peroxidase using hybridoma technology. A. Asadi, A.A. Pourfathollah, M. Mahdavi, M.M. Eftekharian, S.M. Moazzeni. *Human Antibodies*, 17(3-4): 73-8, 2008.
- 33-** Inactivation of virus in intravenous immunoglobulin G using solvent/detergent treatment and pasteurization. A. Aghaie, A.A. Pourfathollah, S.Z. Bathaie, S.M. Moazzeni, H. Khorsand Mohammad Pour, Z. Sharifi. *Human Antibodies*, 17(3-4), 79-84, 2008.

- 34-** The 14kDa protein molecule isolated from garlic suppresses indoleamine 2, 3-dioxygenase metabolites in mononuclear cells in vitro. S. Nikoo, M. Bozorgmehr, H. Namdar Ahmadabad, Z.M. Hassan, S.M. Moazzeni, Z. Pourpak, T. Ghazanfari. *Iranian Journal of Allergy Asthma and Immunology*, 7(4): 203-8, 2008.
- 35-** Cord Blood Dendritic Cells Prevent the Differentiation of Naïve T-helper Cells towards Th1 Irrespective of their Subtype. N. Naderi, A.A. Pourfathollah, K. Alimoghaddam, S. M. Moazzeni. *Clinical and Experimental Medicine*, 9(1), 29-36, 2009.
- 36-** The Efficiency of CD40 Down Regulation by siRNA and Antisense ODN: Comparison of Lipofectamine and Fugene 6. P. Ebadi, M.H. Karimi, A.A. Pourfathollah, A. Saheb Ghadam Lotfi, Z.S. Soheili, S. Samiee, S. Hajati, F. Nadali, B. Geramizadeh, S.M. Moazzeni. *Iranian Journal of Immunology*, 6(1), 1-11, 2009.
- 37-** The Efficient Generation of Immunocompetent Dendritic Cells from Leukemic Blasts in Acute Myeloid Leukemia: A Local Experience. K. Bagheri, K. Alimoghaddam, A.A. Pourfathollah, Z.M. Hassan, J. Hajati, S.M. Moazzeni. *Pathology and Oncology Research*, June 15 (2), 257-267, 2009.
- 38-** Autologous dendritic cells loaded with apoptotic tumor cells induce T cell-mediated immune responses against breast cancer in vitro. N. Delirez, S.M. Moazzeni, F. Shokri, M.A. Shokrgozar, M. Atri, P. Kokhaei. *Cellular Immunology*, 257 (1-2), 23-31, 2009.
- 39-** An Extreme Strategy for the Production of Hybridoma. R. Golestani, A.A. Pourfathollah, S.M. Moazzeni. *Hybridoma*, Apr 28(2), 139-144, 2009.
- 40-** The effects of *Candida albicans* cell wall protein fraction on dendritic cell maturation. M. Roudbary, S. Roudbar Mohammadi, M. Bozorgmehr, S.M. Moazzeni. *Iranian Journal of Immunology*, Jun 6(2), 67-74, 2009.
- 41-** Evaluation of *Candida albicans* allergens reactive with specific IgE in asthma and atopic eczema patients. A.R. Khosravi, A. Naseri Bandghorai, S.M. Moazzeni, H. Shokri, P. Mansouri, M. Mahmoudi. *Mycoses*, July 52 (4), 326-333, 2009.
- 42-** Tolerance induction by CD40 silenced dendritic cells through antisense. M.H. Karimi, P. Ebadi, A.A. Pourfathollah, S. M. Moazzeni, Z.S. Soheili, Sh. Samiee, Z. Ataee, S.Z. Tabei, F. Nadali. *Iranian Red Crescent Medical Journal*, July 11(3), 286-294, 2009.
- 43-** Immune modulation through RNA interference-mediated silencing of CD40 in dendritic cells. M.H. Karimi, P. Ebadi, A.A. Pourfathollah, Z.S. Soheili, S. Samiee, Z. Ataee, S.Z. Tabei, S.M. Moazzeni. *Cellular Immunology*, 259(1), 74-81, 2009.
- 44-** Improvement of dendritic cell based therapeutic cancer vaccine with components of *Toxoplasma Gondii*. M. Motamedi, S. Arab, S.M. Moazzeni, M. Khamis Abadi, J. Hadjati. *Clinical and Vaccine Immunology*, October 16(10), 1393-1398, 2009.

- 45-** Enhancement of Th1 immune response by CD8alpha(+) dendritic cells loaded with heat shock proteins enriched tumor extract in tumor-bearing mice. A. Azadmehr, A.A. Pourfathollah, Z. Amirghofran, Z.M. Hassan, S.M. Moazzeni. *Cellular Immunology*, 260(1), 28-32, 2009.
- 46-** Naloxone can improve the anti-tumor immunity by reducing the CD4(+)CD25(+)Foxp3(+) regulatory T cells in BALB/c mice. A.T. Molla Hassan, Z.M. Hassan, S.M. Moazzeni, A. Mostafaie, S. Shahabi, M. Ebtekar, S.M. Hashemi. *International Immunopharmacology*, November 9(12), 1381-1386, 2009.
- 47-** Immediate Exposure to TNF-alpha Activate Dendritic Cells Derived from Non-Purified Cord Blood Mononuclear Cells. M. Ebrahimi, Z.M. Hassan, J. Hadjati, P. Hayat, S.M. Moazzeni. *Iranian Journal of Immunology*, September 6(3), 107-118, 2009.
- 48-** CD40 expression in Wehi-164 cell line. M.H. Karimi, P. Ebadi, A.A. Pourfathollah, Z.S. Soheili, S.M. Moazzeni. *Cytotechnology*, July 62(3), 195-9, 2010.
- 49-** In vivo effects of calcitriol on phenotypic and functional properties of dendritic cells. M.M. Eftekharian, A.H. Zarnani, S.M. Moazzeni. *Iranian Journal of Immunology*, June 7(2), 74-82, 2010.
- 50-** Preparation, purification and virus inactivation of intravenous immunoglobulin from human plasma. A. Aghaie, A.A. Pourfatollah, S.Z. Bathaie, S.M. Moazzeni, H. Khorsand Mohammad Pour, S. Banazadeh. *Human Antibodies*, January 19(1), 1-6, 2010.
- 51-** Construction of an Expression Vector Containing a Novel Fusion Sequence from Middle Region of NS3 and Truncated Core Genes of Hepatitis C Virus. Hosseini S.Y., Sabahi F., Moazzeni S.M., Modarressi M.H., Saberi-Firoozi M., Ravanshad M. *Iranian Journal of Virology*, 4(2): 17-27, 2010
- 52-** Calcitonin Gene-Related Peptide Effects on Phenotype and IL-12 Production of Monocyte-Derived Dendritic Cells in Rheumatoid Arthritis Patients. J. M. Abbasi, M. Rastin, Z. Rezaieyazdi, Z. Mirfeizi, S. M. Moazzeni, N. Tabasi, A. Brook, M. Mahmoudi. *Iranian Journal of Basic Medical Sciences*, 13(4), 161-169, 2010.
- 53-** Tolerance Induction by CD40 Blocking through Specific Antibody in Dendritic Cells. M. H. Karimi, P. Ebadi, A. A. Pourfathollah, S.M. Moazzeni. *Iranian Journal of Allergy, Asthma and Immunology*. September 9(3), 141-7, 2010.
- 54-** Antibody against recombinant heat labile enterotoxin B subunit (rLTB) could block LT binding to ganglioside M1 receptor. J. Salimian, A.H. Salmanian, R. Khalesi, M.

- Mohseni, S.M. Moazzeni. Iranian Journal of Microbiology September 2(3), 120-127, 2010.
- 55-** Comparison of three techniques for generation of tolerogenic dendritic cells: siRNA, oligonucleotide antisense and antibody blocking. M. H. Karimi, P. Ebadi, A. A. Pourfathollah, S.M. Moazzeni, Z. S. Soheili, S. Samiee S. Hybridoma, December 29(6), 473-80, 2010.
- 56-** Spleen and Liver Dendritic Cells Differ in their Tolerogenic and Cytokine Induction Potential. G. Mosayebi, S.M. Moazzeni. Iranian Journal of Allergy, Asthma and Immunology, September 10(3), 163-70, 2011.
- 57-** High expression of Fas ligand on cord blood dendritic cells: a possible immunoregulatory mechanism after cord blood transplantation. N. Naderi, S.M. Moazzeni, A.A. Pourfathollah, K. Alimoghaddam. Transplant Proceeding, December 43(10), 3913-3919, 2011.
- 58-** Isolation and phenotyping of normal mouse liver dendritic cells by an improved method. G. Mosayebi, S.M. Moazzeni. Iranian Journal of Basic Medical Sciences, 14 (4), 354-360, 2011
- 59-** Evaluation of the immunomodulatory effect of the 14 kDa protein isolated from aged garlic extract on dendritic cells. Namdar Ahmadabad H., Hassan Z. M., Safari E., Bozorgmehr M., Ghazanfari T., Moazzeni S. M. Cellular Immunology 269, 90–95, 2011.
- 60-** Construction and preparation of three recombinant adenoviruses expressing truncated NS3 and core genes of hepatitis C virus for vaccine purposes. S.Y. Hosseini, F. Sabahi, S.M. Moazzeni, M.H. Modarressi, M. Saberi Firoozi, M. Ravanshad. Hepatitis Monthly, August 12(8), e6130, 2012.
- 61-** In silico prediction of exposure amino acid sequences of outer inflammatory protein A of Helicobacter pylori for surface display on Escherichia coli. O. Teymournejad, A.M. Mobarez, Z.M. Hassan, S.M. Moazzeni, B. Yakhchali, V. Eskandari. Indian Journal of Human Genetics, January 18(1), 83-6, 2012
- 62-** Synergistic effect of Toll-like receptor 4 and 7/8 agonists is necessary to generate potent blast-derived dendritic cells in Acute Myeloid Leukemia. M. Nourizadeh, F. Masoumi , A. Memarian, K. Alimoghaddam, S.M. Moazzeni, J. Hadjati. Leukemia Research. September 36(9), 1193-1199, 2012.
- 63-** Suppressive effect of pregnant serum on murine dendritic cell function. M. Bozorgmehr, A.H. Zarnani, S. Nikoo, S.M. Moazzeni. Journal of Obstetrics and Gynecology Research, May 38(5), 797-803, 2012.

- 64-** Evaluation of the effect of the 47 kDa protein isolated from aged garlic extract on dendritic cells. H.N. Ahmadabad, M. H. Zuhair, E. Safari, M. Bozorgmehr, S.M. Moazzeni. *Iranian Journal of Basic Medical Sciences*, 15 (2), 745-751, 2012.
- 65-** Construction and preparation of three recombinant adenoviruses expressing truncated NS3 and core genes of hepatitis C virus for vaccine purposes. S.Y. Hosseini, F. Sabahi, S.M. Moazzeni, M.H. Modarressi, M. Saberi Firoozi, M. Ravanshad. *Hepatitis Monthly*, August 12(8), e6130, 2012.
- 66-** Synergistic effect of Toll-like receptor 4 and 7/8 agonists is necessary to generate potent blast-derived dendritic cells in Acute Myeloid Leukemia. M. Nourizadeh, F. Masoumi, A. Memarian, K. Alimoghaddam, S.M. Moazzeni, J. Hadjati. *Leukemia Research*, September 36(9), 1193-9, 2012.
- 67-** In silico experiment with an-antigen-toll like receptor-5 agonist fusion construct for immunogenic application to *Helicobacter pylori*. M.A. Haghighi, A.M. Mobarez, A.H. Salmanian, S.M. Moazzeni, M.R. Zali, M. Sadeghi, J. Amani. *Journal of the Indian Society of Human Genetics*, January 19(1), 43-53, 2013.
- 68-** Cytokine profiles in long-term smokers of opium (Taryak). A. Ghazavi, H. Solhi, S.M. Moazzeni, M. Rafiei, G. Mosayebi. *Journal of Addiction Medicine*, May-Jun 7(3), 200-3, 2013.
- 69-** Serum markers of inflammation and oxidative stress in chronic opium (Taryak) smokers. A. Ghazavi, G. Mosayebi, H. Solhi, M. Rafiei, S.M. Moazzeni. *Immunology Letters*, June 153(1-2), 22-6, 2013.
- 70-** Does nitric oxide generated by dendritic cells contribute to the low incidence of GVHD after cord blood transplantation? N. Naderi, S.M. Moazzeni, A.A. Pourfathollah, K. Alimoghaddam. *Iranian Journal of Immunology*, September 10(3), 190-2, 2013.
- 71-** Expression of activation-induced cytidine deaminase gene in B lymphocytes of patients with common variable immunodeficiency. H. Abolhassani, A.S. Farrokhi, S. Pourhamdi, P. Mohammadinejad, B. Sadeghi, S.M. Moazzeni, A. Aghamohammadi. *Iranian Journal of Pediatrics*, August 23(4), 451-7, 2013.
- 72-** Cloning, Expression, Purification and Toxicity Evaluation of *Helicobacter pylori* Outer Inflammatory Protein A. O. Teymournejad, A.M. Mobarez, Z.M. Hassan, S. Noori, S.M. Moazzeni, N. Khoramabadi. *Indian Journal of Microbiology*. December 53(4), 391-4, 2013.
- 73-** Ovarian stimulation affects the population of mouse uterine NK cells at early pregnancy. P. Dorfeshan, M. Salehnia, S.M. Moazzeni. *BioMed Research International*, 2013, 182531, 2013.
- 74-** Correlation between serum zinc levels and successful immunotherapy in recurrent spontaneous abortion patients. A. Zare, A. Saremi, M. Hajhashemi, G.A. Kardar, S.M. Moazzeni, Z. Pourpak, P. Salehian, M. Naderi, R. Safaralizadeh, M. Nourizadeh. *Journal of Human Reproductive Sciences*, April 6(2), 147-51, 2013.

- 75-** Immunotherapy with tumor cell lysate-pulsed CD8 α + dendritic cells modulates intra-tumor and spleen lymphocyte subpopulations. A. Azadmehr, A.A. Pourfathollah, Z. Amirghofran, Z.M. Hassan, S.M. Moazzeni. *Neoplasma*, 60(5), 525-32, 2013.
- 76-** The codon-optimization of cfaE gene and evaluating its high expression capacity and conserved immunogenicity in Escherichia coli. M. Mansouri, S.J. Mousavy, Z. Ehsaei, S. Nazarian, M.R. Zali, S.M. Moazzeni. *Biologicals*, May 41(3), 169-75, 2013.
- 77-** Differential genomics output and susceptibility of Iranian patients with unilocular hydatidose . M. Mosayebi, A. Dalimi Asl, M. Moazzeni, G. Mosayebi. *Iranian Journal of Parasitology*, 8(4), 510-515, 2013.
- 78-** Evaluation of class switch recombination in B lymphocytes of patients with common variable immunodeficiency. A. Salek Farrokhi, A. Aghamohammadi, S. Pourhamdi, P. Mohammadinejad, H. Abolhassani, S.M. Moazzeni. *Journal of Immunological Methods*, August 394(1-2):94-9, 2013.
- 79-** The effect of chitosan-tripolyphosphate nanoparticles on maturation and function of dendritic cells. M.A. Mofazzal Jahromi, M. Karimi, K. Azadmanesh, Z.M. Hassan, S.M. Moazzeni. *Comparative Clinical Pathology*, 2013.
- 80-** In vitro induction of potent tumor-specific cytotoxic T lymphocytes using TLR agonist-activated AML-DC. M. Nourizadeh, F. Masoumi, A. Memarian, K. Alimoghaddam, S.M. Moazzeni, M. Yaghmaie, J. Hadjati. *Targeted Oncology*, September 9(3), 225-37, 2014.
- 81-** Determination of dissociation constants of Anti-ALP monoclonal antibodies by an ELISA – based method. Naseri M., Moazzeni S. M., Pourfathollah A. A., Rahbarizadeh F. *Human Antibodies* 23, 1–5, 2014.
- 82-** Maturation state and Function of Monocyte Derived Dendritic Cells in Liver Transplant Recipients. A. Shariat, M.H. Karimi, T. Mokhtariazad, S.M. Moazzeni, B. Geramizadeh, S.A. MalekHosseini, R. Yaghobi. *Iranian Journal of Immunology*, September 11(3), 153-65, 2014.
- 83-** In vitro suppression of dendritic cells by Helicobacter pylori OipA. O. Teymournejad, A.M. Mobarez, Z.M. Hassan, S.M. Moazzeni, H.M. Ahmadabad. *Helicobacter*, April 19(2), 136-43, 2014.
- 84-** Adenovirus-mediated overexpression of gamma interferon in murine bone marrow-derived dendritic cells affects their viability and activity. M.A.M. Jahromi, S.Y. Hosseini, M. Bozorgmehr, Z.M. Hassan, S.M. Moazzeni. *Asian Pacific Journal of Tropical Disease*, 4(1), S353–S359, 2014.
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