

Curriculum vitae

Name: Mohammadreza Ostadali Dehaghi

DOB: 29 May 1970, place of birth: Tehran, IRAN

MD, Ph.D., Medical Immunology

Positions:

Assistant professor of Medical Immunology, Tehran University of Medical Sciences, IRAN (2006 - now)

HLA laboratory director in HORCSCT (2006 - now)

Histocompatibility consultant in HORCSCT (2006 - now)

Director of Hematology, Oncology and Stem Cell Transplantation Research Center (HORCSCT) Laboratories (2007 - 2013)

Member of Iranian Society for Immunology and Allergy

Member of Iranian Society of Bone Marrow Transplantation

Member of Iranian Society of Hematology

Member of European Federation for Immunogenetics.

Scientific member of Asia Pacific Blood and Marrow Transplantation (APBMT) group

Executive Secretary of 19th Asia Pacific Cancer Conference, 15-17 Nov 2007, IRAN

Member of editorial board of International Journal of Hematology, Oncology, and Stem Cell Research

Member of "Alternative Donors" and "Research" committees in HORCSCT.

The head of HLA typing standardization group.

Training:

M.D 1988-1996, Iran University of Medical Sciences, Tehran, IRAN

Ph.D. of Immunology 1999-2005 School of Public Health, Tehran University of Medical Sciences, Tehran, IRAN

Educational activity:

Education of laboratory methods to Hematology Fellowship students, 2006-

Education of laboratory methods to B.C. and M.Sc Hematology students

Teaching Clinical Immunology course to Ph.D. students of Immunology

Teaching "Transplantation Immunology" and "Neuroimmunology" to Ph.D. students

Supervision of thesis projects of several students at Ph.D. and M.Sc levels.

Oral presentations:

- 1- International Congress of Pediatrics, IRAN, Tehran, 2001
- 2- 7th Iranian Congress of Immunology & Allergy, IRAN, Mashhad, 2004

Invited speaker:

- 1- "The First Workshop on Molecular Neuroimmunopsychology" organized by NRCGEB, IRAN, Tehran, 2003
- 2- "The first Iranian Flowcytometry Workshop"; IRAN, TUMS, Hematology, Oncology and Bone Marrow Transplantation Research Center" 2006, Apr 22
- 3- "New Topics in Lymphoma Treatment" conference, IRAN, TUMS, Shariati Hospital, 2006
- 4- "Cancer Immunotherapy" conference, IRAN, TUMS, Shariati Hospital, 2007
- 5- "Cellular Technology Using Immunological Methods in Clinical Diagnosis" workshop, IRAN, TUMS, Shariati Hospital, 2007
- 6- "Stem Cell Transplantation in Immunodeficiency Diseases" conference, IRAN, TUMS, Immunology, Asthma and Allergy Research Institute, 2008
- 7- "Stem Cells" seminar, IRAN, Ramsar, Jahad Daneshgahi, 2009
- 8- "Transplantation and Immunology" conference, IRAN, TUMS, Shariati Hospital, 2009
- 9- "11th International Congress of Immunology and Allergy", Tehran, Iran, 2012
- 10- "Second Cord Blood Stem Cell Symposium", Royan Institute, Tehran, Iran, 2013.
- 11- How to select the best donor for haploidentical HSCT, STEM CELL CONGRESS, Tehran, Iran, 2016
- 12- The role of HLA typing in cell therapy, NIGEB, Tehran, Iran, 2015
- 13- Inflammation and Cancer, Tehran, Iran, 2017

Poster presentations

- 1- 12th International Congress of Immunology and the 4th Annual Conference of FOCIS, Montreal, Canada 2004 *Clinical and Investigative Medicine, Vol. 27 No. 4, August 2004*
- 2- Grandparents Are Invaluable People As HLA-Matched Donors in Hematopoietic Stem Cell Transplantation

Amir Ali Hamidieh, Mohammadreza Ostadali, Maryam Behfar, Sirous Tayebi, Ashraf sadat Hosseini, Arash Jalali, Ardeshir Ghavamzadeh BMT Tandem Meetings, Salt Lake City, UT, USA, 2013

- 3- A.A.Hamidieh, M.Ostadali, M.Jalili, M.Behfar, S.Basirpanah, S.Houseini, O.Bakhti, A.Ghavamzadeh. Allogeneic stem cell transplantation from donors other than HLA-matched siblings in pediatric patients: Family Bank Biology of Blood and Marrow Transplantation, Vol. 17, Number. 2, Supplement.2, February 2011, Number of abstract: 204 Abstract book of 2011 BMT Tandem Meetings, February 17-21, 2011, Hawaii
- 4- A.A.Hamidieh, M.Jalili, M.R.Ostadali, A.Ghavamzadeh. First Donor Registry in East Mediterranean Region: Iranian Stem Cell Donor Program APBMT Phuket 2010, No of abstract: 096 Abstract book of 15th congress of the Asia Pacific Blood and Marrow Transplantation Phuket, Thailand October 29-31, 2010
- 5- A.Ghavamzadeh, K.Alimoghaddam, S.Rostami, S.H.Ghaffari, N.Alizadeh, M.Jahani, M.R.Ostadali, S.A.Mousavi, M.Jalili, M.Iravani. Long term follow up of new cases of acute promyelocytic leukemia treated by arsenic trioxide as sole treatment without ATRA and/or chemotherapy. Annals of Oncology Vol.21, Supplement 8, 2011, No of abstract: 1137PD Abstract Book of the 35th ESMO Congress. Milan, Italy 8-12 October 2010
- 6- A.Ghavamzadeh, K.Alimoghaddam, S.Rostami, S.H.Ghaffari, N.Alizadeh, M.Jahani, M.R.Ostadali, S.A.Mousavi, M.Jalili, M.Iravani. Long term follow up of new cases of acute promyelocytic leukemia treated by arsenic trioxide as sole treatment without ATRA and/or chemotherapy. Annals of Oncology Vol.21, Supplement 8, 2011, No of abstract: 1137PD Abstract Book of the 35th ESMO Congress. Milan, Italy 8-12 October 2010
- 7- A.Ghashghaie, M.R.Ostadali, M.Amini, A.Ghavamzadeh. Four digit HLA-DRB1 allele frequencies in Iranian patients and unrelated donors Abstract book of 14th Congress of the Asia Pacific Blood and Marrow Transplantation, Page.222 August 27-29, 2009 Seoul Korea
- 8- M.R.Ostadali, A.A.Hamidieh, A.Ghashghaie, S.Basirpanah, A.Ghavamzadeh. Systematic search for matched other related donors for hematopoietic stem cell transplantation. Abstract book of 14th Congress of the Asia Pacific Blood and Marrow Transplantation, Page.221 August 27-29, 2009 Seoul Korea
- 9- A.Ghashghaie, K.Alimoghaddam, M.Ostadali, H.Ghaffari, L.Khansari, M.Sadraee, E.Mir Rasekhian, I.Mohyedin, F.Raofi, Z.Noori, H.Eshaghi, H.Yaghmaian, A.Ghavamzadeh. Allele frequencies at HLA class I and class II loci in Iranian placental blood samples. Bone Marrow Transplantation Vol.43, Supplement.1, No of abstract: P979 March 2009 Abstract book of 35th Annual Meeting European Group for Blood and Marrow Transplantation and 25th Meeting of the Nurses Group and

8th Meeting of the EBMT Data Management Group and 3rd EBMT patient & family day Goteborg, Sweden, 29 March- 1 April, 2009

- 10-** Sh.Rostami, Y.Mortazavi, K.Alimoghaddam, A.A.Pourfathollah, M.R.Ostadali,A.Ghavamzadeh. Frequency of CBF β /MYH11 fusion transcripts in Iranian patient with acute myeloid leukemia. Abstract book of 8th Iranian Congress of Hematology and Oncology, 9-11 Oct 2008 Iran–Urmia
- 11-** A.Ardjmand, M.R.Ostadali, A.Ghavamzadeh. The importance of CD45 analysis in immunophenotypic studies. Abstract book of 8th Iranian Congress of Hematology and Oncology, 9-11 Oct 2008 Iran–Urmia
- 12-** M.R.Ostadali,k.Alimoghaddam, A.R.Arjmand, B.Chahardouli, A.Ghavamzadeh. Haploidentical hematopoietic stem cell transplantation for the treatment of acute leukemia – case report. Abstract book of 8th Iranian Congress of Hematology and Oncology, 9-11 Oct 2008 Iran–Urmia

Research Projects (ongoing and finished):

- 1- “Growth hormone antibodies formation in patients treated with recombinant human growth hormone” oral presentation by Dr. G. Ahangari in “13th International Congress of Pediatrics” Tehran, Iran, 2001 and Poster presentation on 12th International Congress of Immunology and the 4th Annual Conference of FOCIS, Montreal, Canada 2004 *Clinical and Investigative Medicine, Vol. 27 No. 4, August 2004*
- 2- "A study of serum cytokine profile and dopamine receptors in lymphocyte of schizophrenic patients and normal controls". Oral presentation on “7th Iranian Congress of Immunology & Allergy” (Mashhad, 4-7 May, 2004)
- 3- Using ATG for haploidentical stem cell transplantation in the treatment of hematological malignancies
- 4- Using **CAMPATH** for haploidentical stem cell transplantation in the treatment of hematological malignancies
- 5- Study of minor histocompatibility matching with recipients between HLA identical siblings and HLA matched other related donors
- 6- Effects of Genetic Polymorphisms of CYP3A4 CYP3A5& MDR1 on Cyclosporine Pharmacokinetics in BMT Cases
- 7- Comparison of Fat1 expression in myeloid and lymphoid leukemia cells with normal WBC's and hematopoietic CD34+ stem cells by real-time PCR

Publications

1- G. Ahangari, **M.R. Ostadali**, A. Rabani, J. Rashidian, M.H. Sanati and M.R. Zarindast. “ **Growth hormone antibodies formation in patients treated with recombinant human growth hormone.**” International Journal of Immunopathology & Pharmacology, 2004; 17: 33-38

2- **Mohammad Reza Ostadali**, Ghasem Ahangari, Mohammad Bagher Eslami, Alireza Razavi, Mohammad Reza Zarrindast, Hamid Reza Ahmadkhaniha, and Jafar Boulhari. “**The Detection of Dopamine Gene Receptors (DRD1-DRD5) Expression on Human Peripheral Blood Lymphocytes by Real Time PCR**” Iranian Journal of Allergy, Asthma and Immunology, 2004; 3(4): 169-174

3- **Ostadali MR**, Andisheh Ghashghai, Ardeshir Ghavamzadeh
“**Who is One Locus Mismatched sibling Donor, Who is not?**” International Journal of Hematology, Oncology, and Stem Cell Research, 2009; 3(3):34-36

4- Farhad Shahsavari, Nader Tajik, Kobra-Zinat Entezami, Masoomeh Fallah Radjabzadeh, Behnam Asadifar, Kamran Alimoghaddam, **Mohammadreza Ostadali Dahaghi**, Arash Jalali, Andisheh Ghashghaie, Ardeshir Ghavamzadeh,
KIR2DS3 is associated with protection against Acute Myeloid Leukemia
Iran.J.Immunol. VOL.7 NO.1 March 2010

5- L. Mohammadzadeh, S. H. Samedanifard 1 , A. Keshavarzi 1 , K.Alimoghaddam 1 , B. Larijani 1 , A. Ghavamzadeh 1 , A. S. Ahmadi 1 , A. Shojaeifard 1 , M. R. Ostadali 2 , A. M. Sharifi 4 , M. R. Amini 2 , A. Mahmoudian 3 , H. Fakhraei 2 , M. Aalaa 2 , M. R. Mohajeri-Tehrani 2

Therapeutic Outcomes of Transplanting Autologous Granulocyte Colony-stimulating Factor-mobilised Peripheral Mononuclear Cells in Diabetic Patients with Critical Limb

Ischaemia Exp Clin Endocrinol Diabetes 2013; 121: 48–53

6- Amir Ali Hamidieh, Tahereh Rostami, Mohammadreza Ostadali, Maryam Behfar, Ashraf Sadat Hosseini, Ardeshir Ghavamzadeh. **Outcomes of Unrelated Donor Hematopoietic Stem Cell Transplantation for Pediatric Patients: The First Report from Iran** Biol Blood Marrow Transplant 23 (2017) S18–S391

7- Mohammadi S, Nikbakht M, Malek Mohammadi A, Zahed Panah M, Ostadali MR, Nasiri H, Ghavamzadeh A. **Human Platelet Lysate as a Xeno Free Alternative of**

Fetal Bovine Serum for the In Vitro Expansion of Human Mesenchymal Stromal Cells. Int J Hematol Oncol Stem Cell Res. 2016 Jul 1;10(3):161-71.

8- Maleki J, Nourbakhsh M, Shabani M, Korani M, Nourazarian SM, Ostadali Dahaghi MR, Moghadasi MH. **17 β -Estradiol Stimulates Generation of Reactive Species Oxygen and Nitric Oxide in Ovarian Adenocarcinoma Cells (OVCAR 3).** Iran J Cancer Prev. 2015 May;8(3):e2332

9- Chahardouli B, Zaker F, Mousavi SA, Kazemi A, Ostadali M, Nadali F, Rostami S, Alimoghaddam K, Ghavamzade A. **Evaluation of T315I mutation frequency in chronic myeloid leukemia patients after imatinib resistance.** Hematology. 2013 May;18(3):158-62

10- Hamidieh AA, Dehaghi MO, Paragomi P, Navaei S, Jalali A, Eslami GG, Behfar M, Ghavamzadeh A. **Efficiency of allogeneic hematopoietic SCT from HLA fully-matched non-sibling relatives: a new prospect of exploiting extended family search.** Bone Marrow Transplant. 2015 Apr;50(4):545-52

11- Jahangard-Rafsanjani Z, Gholami K, Hadjibabaie M, Shamshiri AR, Alimoghaddam K, Sarayani A, Mojtahedzadeh M, Ostadali-Dehaghi M, Ghavamzadeh A. **The efficacy of selenium in prevention of oral mucositis in patients undergoing hematopoietic SCT: a randomized clinical trial.** Bone Marrow Transplant. 2013 Jun;48(6):832-6.

12- Andisheh Ghashghaie, Kamran Alimoghaddam, Mohammad Reza Ostadali, Hamid-o-allah Ghaffari, L Khansari, M Sadraee, E Mirrasekhian, Iranna Mohyedin, F Raoofi, Z Noori, H Yaghmaian, H Eshaghi, Ardeshir Ghavamzadeh. **Allele frequencies of HLA class-I loci in the normal Iranian population.** International Journal of Hematology-Oncology and Stem Cell Research 2009. 3(2):18-20.

13- 15. G. Ahangari, Gh Shariati, MR Asadi, MR. Ostadali and HR Ahmadkhaniha. (2009). **Novel mutation detection of regulatory molecule dopamine gene receptors (D1-D5) encoding analysis on human peripheral blood lymphocytes in schizophrenia patients.** European Journal of Inflammation 7(3):145-152 · September 2009

14- Chahardouli B, Zaker F, Mousavi SA, Saffari Z, Nadali F, Ostadali M, Ghadimi H, Alimoghaddam K, Ghavamzade A, Rostami S. **Detection of BCR-ABL kinase domain mutations in patients with chronic myeloid leukemia on imatinib.** Hematology. 2013 Nov;18(6):328-33.

