

CURRICULUM VITAE

Personal Information



- First Name: Nahid
- Surname: Eskandari
- Languages: Persian, English
- Position: Associated professor of Immunology at Faculty of Medicine, Isfahan University of Medical Science

Education and Training

- Associate professor of Immunology at Faculty of Medicine, Isfahan University of Medical Science(2013-present)
- Assistant professor of Immunology at Faculty of Medicine, AJUMS(2010-2012)
- Assistant professor of Immunology, Abadan Arvand International Medical University (2010-2012)
- Post doc research at Unit Clinical and Experimental Immunology, Division of South Clinical Science (Northern General Hospital, Sheffield, UK)
- PhD
Academic Unit of Molecular Immunology and Immunogenetic,
Royal Hallamshire Hospital, Sheffield University, England

Practical courses of laboratory (for MsC students of immunology)
- Research Assistant (for studying the immunogenetic cause of PPH)
Academic Unit of Respiratory Medicine, Royal Hallamshire Hospital
Sheffield University, England

Medical Training:

MD (General Practitioner)

Senior House Officer

House officer

Education of physiopathology of disease

Education in Basic Science

Isfahan, University of Medical Sciences, Iran.

Qualifications

- PhD
Academic Unit of Molecular Immunology and Immunogenic,
Royal Hallamshire Hospital, Sheffield University, England
- MD degree (General Practitioner),
One of the best, MD thesis awarded a score of 20 out of 20, Isfahan,

Work Experience (Examples):

Laboratory Experience:

- *PhD project:* Methods and techniques used:
 - Isolation and purification of cells,
 - ELISA for Cytokines,
 - Fluorometric assay for histamine,
 - Electrophoresis,
 - RNA /DNA extraction from cells and tissues,
 - RT-PCR,
 - Immunoblotting,
 - Flowcytometry
 - Cell Purification from Blood and Lung Tissue.

Medical Experience:

- One year as research assistant in Clinical Pulmonary Hypertension lab project which co-ordinated directly to visit and collect the samples from patients under supervision of the clinician.
-Methods and techniques used: DNA extraction, HPLC
- 2 years as Head and Deputy of Medical Health centre (Medical Surgery), Ahwaz, Iran.

Professional memberships

- Iranian Medical Council (1994).
- Chairwomen of Medical Student Union (3 times) (1988, 1990/1992).
- Permanent Member of Family Planning Society, Iran.
- Achievement of Family Planning Certificate from WHO (1995).
- Member of Panel of Thalassaemic Society, Iran (1991-1993).
- Member of British Pharmacology Society (2001 to Present).
- Chairwomen of British Immunology Society (Section of Immunopharmacology) 2003 to Present.
- Member of British Hypertension Society (2000-2002).
- Member of British Teaching Society of Sheffield University (Medical School).
- Member of British Postgraduate Society.

- Member of academic editor of medical journal, AJUMS (2009-2011).
- Member of EDC to perform of workshop for physician at AJUMS (Main speaker to deliver speech of malaria immunization).
- Academic Presentation & Poster at Birmingham University (2002).
- Academic Presentation at Newcastle University (British Immunology Society 2003).
- Academic Presentation at Brighton University (British Pharmacology Society 2004).
- Academic Presentation at Manchester University (British Clinical Immunopharmacology).
- Academic Presentation at Harrogate University (British Clinical Immunology). Seminar 2005).
- Academic Presentation at Iranian Student Union in Europe (2005).
- Academic presentation at Graduate Research Presentation Day, Sheffield, Division of Clinical sciences (2005).
- Academic presentation at 10th of International Congress of Immunology, Asthma and allergy, Tehran Iran (2010).
- Academic presentation at 12th of International Congress of Immunology, Asthma and allergy, Tehran Iran (2012).
- Academic Poster at the Second International Congress of Immunology, Asthma and Allergy, Imam Khomeini Hospital, Tehran, Iran (February, 2013, 19-21).

Presentations (Examples):

Books(example)

1. Basic of medical Immunology.2014, published by MUI, Iran published
2. Immune system and allergy.2015, published by MUI, Iran published
3. Immunology (Abullabbas). Translated, 2015, published by Asaresobhan
4. Allergy and nutrition2019, published by MUI, IRAN

Publications

1. Cytokines (interleukin-9, IL-17, IL-22, IL-25 and IL-33) and asthma
R Farahani, R Sherkat, MG Hakemi, N Eskandari... - Advanced biomedical research, 2014
2. Comparison of various classifications for patients with common variable immunodeficiency (CVID) using measurement of B-cell subsets
R Yazdani, R Seify, M Ganjalikhani-Hakemi... - Allergologia et immunopathologia, 2017
3. Effects of phosphodiesterase inhibitors on interleukin-4 and interleukin-13 generation from human basophils
N Eskandari, T Wickramasinghe, PT Peachell - British journal of pharmacology, 2004

4. Association between serum cytokine concentrations and the presence of hypertriglyceridemia SR Mirhafez, M Tajfard, A Avan, A Pasdar, R Nedaeinia... - Clinical biochemistry, 2016
5. A short review on structure and role of cyclic-3', 5'-adenosine monophosphate-specific phosphodiesterase 4 as a treatment tool N Eskandari, O Mirmosayyeb, G Bordbari, R Bastan... - Journal of research in pharmacy practice, 2015
6. Decreased expression of Sema3A, an immune modulator, in blood sample of multiple sclerosis patients M Rezaeepoor, S Shapoori, M Ganjalikhani-Hakemi... - Gene, 2017
7. Neurological manifestations in patients with antiphospholipid syndrome M Etemadifar, L Dehghani, S Tahani, N Toghianifar... - Iranian journal of neurology, 2013
8. Cyclic nucleotide phosphodiesterase isoforms in human basophils and mast cells N Eskandari, F Tashrifi, R Bastan, A Andalib, Z Yousefi... - International journal of immunopathology and ..., 2016
9. Serine/Threonine phosphatases: classification, roles and pharmacological regulation R Bastan, N Eskandari, AM Sabzghabae, M Manian – 2014
10. Expression of microRNA-370 in human breast cancer compare with normal samples H Mollainezhad, N Eskandari, A Pourazar, M Salehi... - Advanced biomedical research, 2016
11. Immunomodulatory effects of adjuvants CPG, MPLA, and BCG on the Derp2-induced acute asthma at early life in an animal model of BALB/c Mice V Mohammadi-Shahrokhi, A Rezaei, A Andalib... - Inflammation, 2017
12. The awareness of anaphylaxis reaction to local anesthesia in Dentistry N Eskandari, M Nekourad, R Bastan - J Allergy Asthma, 2014
13. Regulation of human skin mast cell histamine release by PDE inhibitors N Eskandari, R Bastan, PT Peachell - Allergologia et immunopathologia, 2015
14. Semaphorin-3A as an immune modulator is suppressed by MicroRNA-145-5p M Rezaeepoor, M Ganjalikhani-Hakemi, S Shapoori... - Cell Journal (Yakhteh), 2018
15. Inhibition of apoptosis and proliferation in t cells by immunosuppressive silymarine E Almasi, M Gharagozloo, N Eskandari, A Almasi... - Iranian Journal of Allergy, Asthma and ..., 2017
16. The in vitro impact of glycyrrhizic acid on CD4+ T lymphocytes through OX40 receptor in the patients with allergic rhinitis S Fouladi, M Masjedi, R Ghasemi, MG Hakemi... - Inflammation, 2018
17. Evaluation of the correlation and reproducibility between histamine, IL-4, and IL-13 release from human basophils. N Eskandari, R Bastan, M Ahmadi, PT Peachell - Iranian Journal of Allergy, Asthma and Immunology, 2014
18. Evaluation of exosomal miR-155, let-7g and let-7i levels as a potential noninvasive biomarker among refractory/relapsed patients, responsive patients and patients ... N Zare, S Haghjooy Javanmard, V Mehrzad... - Leukemia & lymphoma, 2019

19. The effects of hydroxyethyl starch 6% and crystalloid on volume preloading changes following spinal anesthesia M Saghafinia, A Jalali, M Eskandari, N Eskandari... - *Advanced biomedical research*, 2017
20. Comparison of the percentage of regulatory T cells and their p-STAT5 expression in allergic and non-allergic common variable immunodeficiency patients
ZA Sadati, H Motedayyen, R Sherkat, V Ostadi... - *Immunological investigations*, 2019
21. Mesenchymal stem cell therapy in multiple sclerosis: An updated review of the current clinical trials O Mirmosayyeb, R Meamar, AP Tanhaie, N Eskandari... - *Multiple sclerosis and related disorders*, 2014
22. Improvement of Th1/Th2 and Th1/Treg imbalances by adjuvants CPG, MPLA and BCG in a model of acute asthma induced by allergen Derp2 in BALB/c Mice
V MOHAMMADISHAHROKHI, A Rezaei, A Andalib... - 2017
23. Tumor necrosis factor- α inhibits effects of aryl hydrocarbon receptor ligands on cell death in human lymphocytes M Ghatrehsamani, M Soleimani, BAM Esfahani... - *Advanced biomedical research*, 2015
24. HLA-G gene polymorphism and soluble HLA-G serum level in patients with multiple sclerosis H Jahanbani-Ardakani, F Alsahebfosoul, M Etemadifar... - *Apmis*, 2018
25. The expression level of hsa-miR-146a-5p in plasma-derived exosomes of patients with diffuse large B-cell lymphoma N Zare, N Eskandari, V Mehrzad, SH Javanmard - *Journal of research in medical sciences: the official ...*, 2019
26. Association of angiotensin-converting enzyme genotype, insertion/deletion polymorphism and saphenous vein graft atherosclerosis in Iranian patients N Zeinali, M Hashemi, M Mirmohammadsadeghi... - *Brazilian journal of cardiovascular surgery*, 2015
27. The effects of silymarin and cyclosporine A on the proliferation and cytokine production of regulatory T cells N Keyhanmehr, H Motedayyen, N Eskandari - *Immunological Investigations*, 2019
28. Evaluation of the circulating CD34+, CD309+, and endothelial progenitor cells in patients with first attack of optic neuritis M Etemadifar, L Dehghani, H Ganji, R Soleimani... - *Advanced biomedical research*, 2015
29. The Review of in Vitro and in Vivo Studies over the Glycyrrhizic Acid as Natural Remedy Option for Treatment of Allergic Asthma S Fouladi, M Masjedi, MG Hakemi, N Eskandari - *Iranian Journal of Allergy, Asthma and Immunology*, 2019
30. Role of protein phosphatases inhibitors on the histamine release and the functional desensitization in human lung mast cells R Bastan, N Eskandari, AM Sabzghabaec... - *Journal of research in medical sciences: the ...*, 2014
31. MicroRNA-29b variants and MxA expression change during interferon beta therapy in patients with relapsing-remitting multiple sclerosis M Fattahi, N Rezaei, FS Nematalahi, V Shaygannejad... - *Multiple sclerosis and related disorders*, 2019

32. Cerebrospinal Fluid and Serum Markers of Inflammation in Patients with Multiple Sclerosis M Farrokhi, H Jahanbani-Ardakani, N Eskandari... - *Advances in Neuroimmune Biology*, 2017
33. Effects of fostriecin on β 2-adrenoceptor-driven responses in human mast cells
R Bastan, N Eskandari, H J. Ardakani, P T. Peachell - *Journal of immunotoxicology*, 2017
34. Association of programmed death-1 gene polymorphisms with the risk of basal cell carcinoma F Fathi, M Ebrahimi, A Eslami, H Hafezi, N Eskandari... - *International journal of immunogenetics*, 2019
35. Serum IL-33 Level and IL-33, IL1RL1 Gene Polymorphisms in Asthma and Multiple Sclerosis Patients M Ahmadi, F Fathi, S Fouladi, F Alsahebhosul... - *Current Molecular Medicine*, 2019
36. OX40 Gene Expression and its Serum Levels in New Cases of Patients with Multiple Sclerosis A Dabiri, R Mansouri, M Kazemi, N Eskandari... - *Advances in Neuroimmune Biology*, 2018
37. Therapeutic potential of quercetin on human breast cancer in different dimensions
N Kasiri, M Rahmati, L Ahmadi, N Eskandari... - *Inflammopharmacology*, 2019
38. Mesenchymal stem cell-derived extracellular vesicles: a novel cell-free therapy
M Jafarinia, F Alsahebhosoul, H Salehi, N Eskandari... - *Immunological Investigations*, 2020
39. A rapid and sensitive method for EphB4 identification as a diagnostic and therapeutic biomarker in invasive breast cancer M Moshayedi, F Barneh, S Haghjooy-Javanmard... - *Journal of cancer research and therapeutics*, 2016
40. The effect of cyclic nucleotide analog drugs on the mediators release from basophils
N Eskandari, R Bastan, SHZ Esfahani, PT Peachell - *Advanced biomedical research*, 2015
41. Neuromyelitis optica in a pregnant woman with systemic lupus erythematosus: A case report F Khorvash, N Esmaeil, O Mirmosayyeb, N Eskandari... - *Iranian journal of neurology*, 2016
42. Dentists' knowledge about anaphylactic shock caused by local anesthetic agents in Ahwaz M Nekourad, N Eskandari, R Bastan, N Elhaei... - *مجله دانشکده دندانپزشکی اصفهان*, 2014
43. Correlation of OX40 ligand on B cells with serum total IgE and IL-4 levels by CD4+ T cells in allergic rhinitis S Fouladi, M Masjedi, MG Hakemi, R Ghasemi... - *Allergologia et immunopathologia*, 2019
44. The significant impact of apigenin on different aspects of autoimmune disease
N Kasiri, M Rahmati, N Eskandari - *Inflammopharmacology*, 2018
45. Regulatory T-cells and their impacts on cytokine profile of end-stage renal disease patients suffering from systemic lupus erythematosus
F Fathi, A Atapour, N Eskandari, N Keyhanmehr... - *International journal of immunopathology and ...*, 2019
46. Relationship between the serum levels of IL-2 and recurrence of pemphigus vulgaris

- M Masjedi, A Saffaei, N Eskandari, B Abtahi-Naeini... - American Journal of Experimental and Clinical ..., 2014
47. The effects of succinylcholine and remifentanyl on intubating conditions in elective cesarean section H Abdollahi, K Tirgar-Fakher, M Eskandari, S Mehrpour... - Journal of Isfahan Medical School, 2017
48. Comparison of The Expression of miR-326 between Interferon beta Responders and Non-Responders in Relapsing-Remitting Multiple Sclerosis.
M Fattahi, N Eskandari, F Sotoodehnejadnematlahi... - Cell journal, 2019
49. Statistical support for Sema3A and multiple sclerosis.
M Rezaeepoor, S Shapoori, M Ganjalikhani-Hakemi... - Gene, 2017
50. Producing Soluble Human Programmed Cell Death Protein-1: A Natural Supporter for CD4+T Cell Cytotoxicity and Tumor Cells Apoptosis
S Mohammadzadeh, H Khanahmad, N Esmaeil... - Iranian J Biotech, 2019
51. Expression of OX40 Gene and its Serum Levels in Neuromyelitis Optica Patients
P Alidadiani, N Eskandari, V Shaygannejad, A Dabiri... - Biomolecular concepts, 2019
52. Effect of Plasma-Derived Exosomes of Refractory/Relapsed or Responsive Patients with Diffuse Large B-Cell Lymphoma on Natural Killer Cells Functions.
N Zare, SH Javanmard, V Mehrzad, N Eskandari... - Cell Journal (Yakhteh), 2020
53. OX40 Gene Expression and its Serum Level in Parkinson's Disease.
N Eskandari, A Jodaki, F Alsahebfoosol... - Iranian Journal of Allergy, Asthma & ..., 2018
54. Effects of thymectomy on multiple sclerosis with myasthenia gravis
M Etemadifar, O Mirmosayyeb, N Eskandari - American Journal of Experimental and Clinical ..., 2014
55. The effects of regulatory T cells in the pathogenesis of end-stage renal disease in patients with systemic lupus erythematosus F Fathi, N Eskandari, H Motedayyen - EUROPEAN JOURNAL OF IMMUNOLOGY, 2019
56. Theophylline and silymarin are potent inhibitors of IL-4 secretion from activated human basophils H Jahanbani-Ardakani, G Bordbari, N Eskandari... - American Journal of Experimental and Clinical ..., 2018
57. Diabetes mellitus increased integrins gene expression in rat endometrium at the time of embryo implantation Y Zarrin, P Nikpour, ZS Hosseiny, FS Mostafavi... - International Journal of Reproductive ..., 2019
58. miR-370 expression analysis in breast cancer
H Mollainezhad, N Eskandari, A Pourazar, A Andalib... - Journal of Isfahan Medical School, 2015
59. Fc Receptor-Like 1 as a Promising Target for Immunotherapeutic Interventions of B-Cell-Related Disorders Z Yousefi, S Sharifzadeh, V Yar-Ahmadi, A Andalib... - Biomarker Insights, 2019
60. The relationship between the genetic polymorphisms of interleukin-33 (IL-33) and interleukin-1 receptor-like 1 (IL1R1) with the levels of interleukin-33 in patients with

- ...M Ahmadi, N Eskandari, F Ale-Sahebfoosoul, M Salehi... - Journal of Isfahan Medical School, 2016
61. A Study on the Presence of Osteopontin and $\alpha\beta 1$ Integrin in the Endometrium of Diabetic Rats at the Time of Embryo Implantation Y Zarrin, A Bakhteyari, P Nikpour, FS Mostafavi... - Journal of Reproduction & Infertility, 2020
 62. Evaluation of Diabetes Effects on the Expression of Leukemia Inhibitory Factor and Vascular Endothelial Growth Factor A Genes and Proteins at the Time of ... R Zarei, P Nikpour, B Rashidi, N Eskandari... - Advanced Biomedical Research, 2019
 63. Brain oximetry is not a good monitor on reducing neurological complications after cardiac surgery SMA Zavareh, H Araghizade, N Eskandari, M Lak - Universa Medicina, 2019
 64. The evaluations of gene expression of OX40 and its serum levels in the peripheral blood of Neuromyelitisoptica (NMO) patients and healthy individuals in Isfahan P Alidadiani, N Eskandari, VASN Mansour Salehi – 2017
 65. Prognostic significance of Fc receptor-like 1 in patients with chronic lymphocytic leukemia, hairy cell leukemia, and various B-cell non-Hodgkin's lymphoma Z Yousefi, N Eskandari - Leukemia research reports, 2019
 66. Serum OX40 level in patients with neuromyelitis optica P ALIDADIANI, N ESKANDARI, M SALEHI... - 2016
 67. Impact of metformin and pioglitazone on serum level of tumor necrosis factor-alpha and lipid profiles during implantation window in diabetic rats A Bakhteyari, P Nikpour, FS Mostafavi, N Eskandari... - International journal of fertility & sterility, 2019
 68. Investigating the frequency of the peripheral blood B and transitional B cells in the patients with common variable immunodeficiency M Alihassanzadeh, N Eskandari... - Journal of Isfahan Medical School, 2016
 69. Gene Expression of CD226 and Its Serum Levels in Patients With Multiple Sclerosis F Alsahebfoosoul, S Rahimpourkoldeh, N Eskandari... - Caspian Journal of Neurological Sciences, 2018
 70. 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin decrease expression of aryl hydrocarbon receptor in peripheral lymphocyte of β -thalassemia major patients M Ghatrehsamani, M Soleimani, BASM Esfahani... - Advanced biomedical research, 2015
 71. Modulation of Th17 Proliferation and IL-17A Gene Expression by Acetylated Form of Apigenin in Patients with Multiple Sclerosis M Rahmati, SM Ghannadian, N Kasiri, L Ahmadi... - Immunological Investigations, 2020
 72. Evaluation of the frequency of gene polymorphism of interleukin-7 receptor subunit alpha (IL7R- α) in atopic patients and healthy controls S MOSTAFAVI, N ESKANDARI, SFF ALE, M SALEHI... - 2016
 73. Immunoregulatory functions of immature rbcs in end-stage renal failure disease F Fathi, H Motedayyen, A Namda, N Eskandari - EUROPEAN JOURNAL OF IMMUNOLOGY, 2019

74. OX40 Gene and Serum Protein Expression Profiles in Patients with Parkinson's Disease A Seyedjoodaki, F Alsahebhosoul, N Eskandari... - Cell Journal (Yakhteh), 2018
75. Neuro-Immuno-Endocrine Interactions in Early Life Stress and Heroin Withdrawal Timeline M Moeini, N Esmaeil, HR Mokhtari, N Eskandari... - European addiction research, 2020
76. Effects of phosphodiesterase inhibitors on IL-4 and IL-13 generation from human basophils N Eskandari, T Wickramasinghe, PT Peachell - BRITISH JOURNAL OF PHARMACOLOGY, 2003
77. Elevated serum level of IL-4 in neuromyelitis optica and multiple sclerosis patients S Tahani, L Dehghani, H Jahanbani-Ardakani... - Journal of Immunoassay and ..., 2019
78. Evaluation of the frequency of osteopontin gene polymorphism (rs28357094 T> G) and its receptor gene (ITGA4-rs1449263 A> G) in multiple sclerosis patients in ... F DADKHAH, F ALSAHEBFOSOUL, N ESKANDARI... - 2016
79. Evaluation of BAFF-R Mutations in Iranian Patients with Common Variable Immune Deficiency (CVID)N Eskandari, M Alihassanzadeh... - Development
80. Clinical Features of Immunological Dysregulation in Common Variable Immunodeficiency in Iran R Sherkat, M Ali-Hassanzadeh, N Eskandari... - Journal of Advances in Medicine and Medical ..., 2015
81. Effect of plasma-derived exosomes of refractory/relapsed or responsive patients with diffuse large B-cell lymphoma on natural killer cells functions. Cell J. 2020; 22 (1) ...N Zare, HJ Sh, V Mehrzad, N Eskandari, AR Andalib –
82. Therapeutic effects of extracellular vesicles from human adipose-derived mesenchymal stem cells on chronic experimental autoimmune encephalomyelitis M Jafarinia, F Alsahebhosoul, H Salehi, N Eskandari... - Journal of Cellular Physiology, 2020
83. Presentation of Infections and Immune Dysregulations in Common Variable Immunodeficiency (CVID) Patients and its Relation to Their Clinical and Immunological ...R Sherkat, M Hasanzadeh, M Ganjalikhani-Hakemi... - JOURNAL OF CLINICAL IMMUNOLOGY, 2014
84. Study of Expression Rate of OX40 Gene in Peripheral Blood in Patients with Parkinson's Disease.A Seyedjoodak, F Alsahebhosoul, N Eskandari... - Iranian Journal of Allergy, Asthma & ..., 2018
85. Regulation of human skin mast cell histamine release by PDE inhibitors. R Bastan, N Eskandari, PT Peachell.
86. The evaluation roles of soluble serum levels of IL-7 and IL-7R α polymorphism in the atopic patients and healthy controls in Isfahan. S Mostafavi, N Eskandari, MS Fereshteh Alsahebhosoul – 2017
87. Expression of OX40 and OX40 serum level in patients with Parkinson's disease F Alsahebhosoul, A SeyedJoodaki, N Eskandari... - MOVEMENT DISORDERS, 2017

