

## **In the name of God**

- **Name: Nariman**
- **Family: Mosaffa**
- **Date of Birth: Mordad 1335, Tehran, Iran**
- **Specialist in: Medical Immunology**
- **General practionier: veterinarian**
- **Scientific Grade: Basical sciences professor, 22 hrs, whole time formal**
- **Group: Immunology dependent of medical faculty**
- **Tel: 021- 22445697**
- **Office Tel: 23872573- 23872593**
- **Fax: 22439970**
- **Address: Tehran, Sadr Express-way Golchin Avenue,**
- **Home Address: Ozgol Avenue, behind second Bidestan, p 24, flat 24. Third floor**
- **E-mail: [mossafan@sbmu.ac.ir](mailto:mossafan@sbmu.ac.ir)**
- **E-mail: [mosaffansas@yahoo.com](mailto:mosaffansas@yahoo.com)**

### **- Scientific biography**

She was born in Tehran in 1335. After passing secondary school in 1352, she was graduated in physical field from secondary Hadaf school, she was accepted in veterinarian field in Tehran university of medical sciences. She was graduated with excellent grade from faculty in 1361 (Shahrivar). Her title of her thesis was determination. Auto immunology in many serums of the birds. She was the member of scientific board. Of scientific, industrial organization, in that year, she was accepted in Immunology specialist filed of Tehran medical university. And she was graduated with excellent grade with specific thesis immunology determination of young adult diabet in 1365 (Isfand). She was employed in Immunologic department of Shahid Beheshti university of medical science with assistant professor degree. In 1378 she could receive associate professor degree and in 1383 (Farvarin) she was received professor degree. Now she was the full time member of scientific board of medical sciences.

- **Articles**

1. Rafiei.S, **Mosaffa.N**: “Anti Endothelial cell Antibodies and circulating Immune Complex in IDDM angiopathy” *Med J Islam Repub* 1989 vol:3No:1,2 75-69-.
2. Hadian. M, **Mosaffa.N** et al: “The Fate of ectopic Uterus allografts in Rat.The Am J Repnod Immunology 1999, vol:4, No:6 107
3. Tabeie. F, Bolouri. B, Jalcilian. R, **Mosaffan. N**. “Dynamic Distribution of Ga-Bleomycin complex and carrier free 67 galium in normal mice” *Pharmacology & Therapeutic*, July-September, 2002,vol: No:2 page:99-24.
4. Shaker.Z, Hassan. Z, **Mosaffa.N** :“The Immunostatus of T helper and T cytotoxic cells in ten years after exposure to sulfur mustard” *Immunopharmacology & Immunotoxicology*2003 vol 25, No:3 page:430-423.
5. Tabeie. F,BolouriA ,**Mosaffa N**: ((Tissue up takes of Ga 67– bleomycin and cansien free 67 in Fibro Saroima bearing mice)). .*The Iranian Journalof Nuclear, Medicine .* 2004- Summer No :22 Page : 17-9
6. **N.Mosaffa** , S Javadi , S taheri " the effect of glycation of () medium on phagocytic and respiratory burste of peritoneal macrophages from Balb/c Mice " *Immunolog* 2004 / MEDIMOND / International proceeding - page 179-184
7. **N Mosaffa**, H Akbarshahi, B Kazemi and M Bandeepour “The Effect of Bacterial DNA on phagocytic function in Balb/c Mice Peritoneal Macrophages “*Pakistan Journal of Biological Sciences* 8 (6) : 829- 833, 2005
8. Zanjani TM,sabetkasaei M, **Mosaffa N**, Suppression of Interleukin-6 by Minocycline in rat model of neuropathic pain.*Eur J Pharmacology.* 2006,May 24;538(1-3):66-72.Epub 2006 Apr 5.
9. **Nariman Mosaffa** \* Ziba Ghasemi ,Babak Farrokhi , Farah iraghasi Expression and Release of SfasL in Cytotoxlc Reactions stlmulated by Betaglugcan and Zymosan. *Iran .J.Immunol . VOL . 3 NO 3summer 2006 .*
10. Shiva F , **Mosaffa N** , Khabbaz R, Padyab M . Lummbar puncture in neonates under and over 72 hours of age . *J Coll Physicians Surg Pak .* 2006 Aug ; 16 (8) : 525- 8 .
11. **Mosaffa N** , Behravan J , Karimi G, Iranshahi M. Antigenotoxic effects of Satureja hortensis L . on rat lymphocyte exposed to oxidative stess. *Arch pharm Res .* 2006 Feb ;29 (2) : 159- 64 .
12. Larijani B , Shooshtarizadeh P , **Mosaffa N** , Heshmat R. Polymorphonuclear leucocyte respiratory burst activity correlate with serum zinc level in type 2 diabetic patients with foot ulcers .*Br J Biomed Sci* 2007 ; 64 (1) : 13-7 .
13. Zadehmodarres S, Razzaghi MR, Habibi G, Najmi Z ,Jam H, **Mosaff N**, Kaboosi M. Random urine protein to creatinine ratio as a diagnostic method of significant

- proteinuria in pre- eclampsia. Aust N Z J Obstet Gynaecol. 2006 Dec; 46(6):501- 4.
14. Abbasi MA, **Mosaffa N**, Taheri S, Jaafari MK, Effect of anti bacterial skin secretion of Rana ridibanda frog on methycillin resistant staphaureus, 2007 ,Yakhteh Medical Journal vol 9, No 3, page 208-211
  15. Mirzaei M, Bayat M, **Mosaffa N**, Effect of low –level laser therapy on skin fibroblast of streptozotocin –diabetic rats. 2007, photomedicine & laser surgery , vol 25 , No 6, page 517-523.
  16. Hamideh Morravej, Babak Farokhi, **Nariman Mosaffa** “Soluble APO-1/Fas in newly onset-Pemphigus sera” journal of The American-Academi of Dermatology, 2007. Feb Vol:56 Issue 2 page:115-118.
  17. F Kheirandish, M Bandehpour, A Haghighi, F Mahboudi, M Mohebbali, **N Mosaffa**, B Kazemi. Molecular Cloning and Expression of Iranian Leishmania major Pteridine Reductase 1. Iranian Journal of Parasitology. Volume 3, Number 2 April 2008, page: 1-10.
  18. Bahram Kazemi PhD, Mojgan Bandehpour MSc, Negar Seyed MSc, Mehrnaz Roozbehi MSc, **Nariman Mosaffa** PhD. Cloning and Expression of Hepatitis C Virus Core Protein in PGemex-1 Expression Vector. Arch Iranian Med 2008; 11 (2) : 173-178.
  19. Farnaz Kheierandish, Mojgan Bandepour, Nushin Davoudi, **Nariman Mosaffa** Inhibition of pteridin reductase (PT R1) expression in leishmania promastigotes using a full- length antisense construct. Nature Precedinngs 2009, hdl: 10101/hpre/2807.1.
  20. Yousefzade Morteza, Ebrahimnejad Samad, Arman Mitra, **Mosaffa Nariman**; Cytotoxicity, Antimicrobial activity and Composition of Essential Oil from Tanacetom balsamita L. Subsp, balsamita, Natural Product Comunication, 2009; 49(1):119-22.
  21. Mahmou Nadi; **Nariman Mosaffa**; Fourozan Karimi; Mohammad Kamalinejad; Babak Farrokhi; Arash Anisian and Parviz Pakzad. "Iranian Black Tea and Cowslip Extracts Induce Tumor Necrosis Factor- $\alpha$  Secretion from Mous Macrophage Cell Culture" Iranian Journal of Pharmaceutical Research. 2010, 9(1) page:
  22. Bandehpour M., khodabandeh M., **Mosaffa N.**, Sharifnia Z., Ghazanfari T., Kazemi B. "An efficient procedure for purification of recombinant human  $\beta$ heat shock protein 90" DARU. 2010. vol:18, No:1. page 64-68
  23. T. Foroutan, A. Hosseini, A.A. Pourfatholah, M. Soleimani, K. Alimoghdam and **N. Mosaffa** . Peritoneal mesothelial Progenitor or Stem Cell. Journal of Biological Sciences 10(5):460-464, 2010.
  24. Eham Kalantari. Mojgan Bandehpour. Ramin Pazoki Nilofar Taghipoor. **Nariman Mosaffa**. Bahram Kasemi. "Application of recombinant Echinococcus granulosus

antigen B to ELISA kits for diagnosing hydatidosis"Parasitology Research (2010) 106:847-851.

25. Asli, Isa Neshandar; **Mosaffa, Nariman**; Mogharrabi, Mehdi; Hooman, Aref; Tabei, Faraj; Javadi, Hamid; Shafei, Babak; Seyedabadi, Mohammad; Assadi, Majid. "Chromosome aberrations after high-dose  $^{131}\text{I}$  and  $^{99\text{mTc}}$ -MIBI administration using a micronucleus assay" Nuclear Medicine Communications: April 2010- Volume 31-Issue 4- pp307-310.
26. M Eftekhar, A Athari, A Haghghi, **N Mosaffa**, F Shahram, A Abadi. "Seroprevalence of Acanthamoeba Antibodies in Rheumatoid Arthritis Patients by IFAT, Iran 2007" Iranian J Parasitol: Vol, 5, No, 1, 2010, pp. 35-40.
27. Atieh Taheryian Fard, Fariha Hasan, Mojgan Bandehpour, **Nariman Mosaffa**, Fateme Mashadiabbas, Abdul Hameed, AmerAli Shah, Bahram Kazemi "Cloning and Expression of C-terminal of Clostridium Perfringens type A Entrotoxin and its Biological Activity". African Journal of Microbiology Research. vol:49140 pp:1469-1474, 18 July 2010.
28. Taraneh Moini Zanjani,, Masoumeh Sabetkasaei, Behnaz Karimian, Farzaneh Labibi, Babak Farokhi, **Nariman Mossafa**. The attenuation of pain behaviour and serum interleukin-6 concentration by nimesulide in a rat model of neuropathic pain.
29. Moravvej, Hamideh,, Yousefi, Maryam,, Farrokhi, Babak; **Mosaffa, Nariman**" Soluble Fas in pemphigus Vulgaris". Archives of Iranian Medicin. 2011, 14(3), 200-20
30. Fatemeh Dehghani, Mostafa Haji Mollahosseini, Arash Memarnejadian **Nariman Mosaffa. Immunomodulator**

#### Articles in Internal Magazine

- 1- Mossafa N, Syphilis immunology. Tehran Faculty magazine 1356, No 3, 4, pp: 59-63
- 2- Mossaffa N, Rafiei Sh, Indexes in diabetic disease famous articles books in first international pediatrics congress, Tehran, Iran, 1369, first edition, pp: 1-8.
- 3- Mossaffa N, Aladian M, Efficacy of lymphocyte cells, in pass or reject uterus Alo grafting lemurt muscle. 1376, No. 3, pp: 17-38.
- 4- Mossaffa N, Bamdad O, Rakhshan M, final prognosis of non arterial Alo grafts, 1375, no. 2, pp: 131-137.
- 5- Mossaffa N, Labibi F, separation subclass of natural killer cells with ligation of mono nuclear cells with PHA and evaluation the strength of them. Medical faculty magazine, 1378, year 57, No. 1, pp: 16-19

- 6- Mossaffa N, Sohrabpor H, determination the number, and function of Tlymphocytys with markers, in chemical injuries, Hakim magazine, 1380, no. 3, 4, pp: 142-149
- 7- Mossaffa N, Mirzahosseyni B, Determination the characteristic of adhesion and phagocytic of peritoneal macrophages in mice Balb/C, Tehran university of medical (Journal) 1380, pp: 483-494.
- 8- Mossaffa N, Neshatian L, determination the activity of phagocytic and killing of blood macrophages in peripheral with Nitro Blue tetra zoluim , 1382
- 9- Mossaffa N, Poorkune Sh, Mohammad Hasan Zahir, determination the position of monocytes with super facial markers in chemical injuries in war. Behbod Journal, 1381, year 6, No. 4, pp: 1-10
- 10- Mossaffa N, javadi S, Taher S. determination the efficacy of gelicamin in vitro on the function of phagocytic peritoneal macrophas in pajohesh journal , 1383, No. 3.
- 11- Mossaffa N, Larijani B, Determination the process of respiratory destroyed in phagocytic system in DM1 patient with FMLP- PMA stimulators in diabetic journal, No. 1
- 12- Mossaffa N. determination the effect of morphine administrator on insulin, TNF- $\alpha$  on faculty rats with high calories regard endocrine journal Iran, 1382, No. 2. Pp: 99-106
- 13- Mossaffa N. determination the changes of complement sys in general anesthesia, and local. No. 2
- 14- Mossaffa N, Ghasemi Z, evaluative controlling of cell bac, 1385. No. 4. Pp: 315-332
- 15- Mossaffa N, determination the sero epidemiological of hydatic cyst in rural region and determination of the diagnostic force of IFA. Medical Journal, No. 3, pp: 241-245
- 16- Moeini T, Ostal n, Mossaffa N, Mini N, Determination the effect of nimsulid on COX II enzyme in central immunologic cells and peripheral cells in neuropathic condition on mice physiology and pharmacology, fall 1383, NO. 3
- 17- Sadeghy M, Hojat M, Mossaffa N, Akhondy M, inhibition of fadicular liquid in human with antibody scientific journal. No. 3, fall 1386
- 18- Mossaffa N, new generation of probiotic from vital drug, medical journal 1387, No. 2, pp: 1-11
- 19- Mossaffa N, Yardel V, production of AB opposite to LPS with Blympho cytes of peritoneal and spleen of Balb/c mice in lab condition in medical journal, no. 3, pp: 148-155

- 20-Shokrzade M, mahmodi Rad M, Mirzad M, Mossaffa N, Ahangary , culture of keratinocytes of mice in invitro with out serum with epidermal method, Mazandaran medical Journal , No. 70, khordad and tir 1388, 67-71.
- 21-Moravej H, Md, Mahmodi Rad, Mossaffa N, Mirzaei M, Toosi P, determination the possibility of production of human fibroblast of standard bank. Shahid Beheshti medical sciences journal, year 14, No. 4, pp: 199-203, Mehr, aban 1388.
- 22-Mossaffa N, Ghasemi Z, qualitative controlling in cells Banc, Cell Journal, 1385. Winter year 8, No. 4, pp: 315-332.
- 23-Mossaffa N, how could confront with helico bacter pylor? Research journal in medical, fall 1385, No. 3. Pp: 173-177.
- 24-Sadeghi M, Hojat M, Naseri N, Jedi M, Mossaffa N, Akhundi M, Ghods R, Bayat A. Extraction of inhibin from human follicular liquid with unique (mono) generation of anti body, scientific journal, No. 3, fall 1386
- 25-Mossaffa N, Probiotics, new generation of vital drug, research journal in medical, 1387, fall, No 2, pp: 1-11
- 26-Mogharabi M, Human A, Mossaffa N, Tabaei F, Valai N, Shafie B, determination effect iveness of high does of 99 m IC-MIBI on chromosomal damaging in patients under cardiac perfusion scan, no. 6, 61, pp: 9-17, Farvardin and Ordibehesht 1387

### **Participation in Foreign International Congresses**

- 1- Nariman Mossaffa and assistant Immunological determination of young adult DM (first international Immunologic congress) Tehran 1364
- 2- Rafiei Sh, Mossaffa N, Anti body against endothelial in DM young adults, new tool for prognosis in young adult DM 9first international immunology and allergy congress) Tehran 1367
- 3- Rafiei Sh, Mossafa N, Auto immune indexes in IDDM, first international congress of endocrine disease.
- 4- Mossaffa N, Immunological indexes in DM in young adults 9first international pediatrics congress) Tehran 1369.
- 5- Mossaffa N, Mirfakhrie F, immunologic determination of placental unit in pregnancy (obsterian international congress) Tehran 1372
- 6- Mossaffa N, Bamdad N, Effects of non endothelial allograft in peritoneal of rats (4<sup>th</sup> congress of immunology and allergy)Isfahan 1377

- 7- Mossaffa N, Mostagasi P, immunology reaction doing pregnancy is a diagnostic way for frequent abortion (third international immunology and allergy congress) Shiraz
- 8- Labibi, Mossaffa, new method in lymphoblastic transformation test for using liquation for improving other system for culture (4<sup>th</sup> congress of immunology and allergy) Isfahan 1377
- 9- Mossaffa, labibi, moghadam S, Extraction and separ with of NK cell with ligation of monocycles in with PHA (4th congress of international immunity and allergy) Isfahan 1377.
- 10- Salehian, Mossaffa, non article graft of uterus and ovarian in rats, 4<sup>th</sup> congress of graft of organ transplantation 1378.
- 11- Mossaffa N, Behdad, effect of estrogen on graft rejection. Activities (4<sup>th</sup> congress of organ teams plantation) Isfahan 1378.
- 12- Mossaffa n, Shoshtarizade, quantitative, and qualitative determination of leukocyte respiratory expulsion, and the level of zinc in diabetic patients (6<sup>th</sup> congress immunology and allergy) Tehran 1381.
- 13- Mossaffa N, neshatian, determination the activity of phagocyte of macrophages which divided from peripheral. Blood coenocytes with PHA and evaluating oxidative radicals with (NBT), (6<sup>th</sup> congress) Tehran 1381
- 14- Yazdi M, Mossaffa N, adhesive and functional characteristic of peritoneal macrophages in bable mice (6<sup>th</sup> congress) Tehran 1381.
- 15- Javadi, Mossaffa, Taheri, The effects of sugar on macrophages culture on the function of killing and phagocyte activity of peritoneal cells in mice (Balb/c) second congress of the prevention of non contagious disease, Tehran Azar 1382
- 16- Exhibition 4 research articles in 7<sup>th</sup> immunology congress- Mashhad 1383- Ordibehesht
- 17- Exhibition 3 research articles in 5<sup>th</sup> international congress of parasite disease, Shahid Beheshti University, 24- 25 of Aban 1384.
- 18- Exhibition 5 research article in 8<sup>th</sup> immunology and allergy congress Tehran 1385 Ordibehsht
- 19- Exhibition the abstracts of 2 research articles. In allergy and immunology congress, Tehran, Iran, 1387.
- 20- Exhibition the abstract of 6 research articles in immunology and allergy congress, Tehran, Iran 1387
- 21- Bandepoor m, khodabande M, Mossaffa N, Sharifnia Z, Omini M, maghen L, Salek M, Kazemi B, Effects of health shock pro (adjuvant 90) in recombinant

HBV vaccine. 6<sup>th</sup> congress of biotechnology in Islam in republic of Iran, 22-24 Mordad 1388. Milad tower congress saloon Tehran, Iran

- **Thesis:**

Leading and corresponding of 24 research thesis in some grades: in professional PhD, Master degrees, specialists PhD, in addition consultation for 14 thesis during university employment (recent year thesis) as corresponding professor:

- 1- Separation subgroup of lymphoid cells from umbilical cord of human for producing IgM (polyclonal) immunology master degree Thesis
- 2- Study on the activity of macrophages life. (B lymphoid) from umbilical cord of human with CDS, Mac-1, TLDR, markers, medical professional PhD. Thesis
- 3- Determination the effect of HSP90 on the structure of core of patients of HCV, HBSAg and study on the Immunity system in Balb/c mice. Specialist PhD of molecular genetic in genetic engineer and biological technology.

- **Compiled Books**

- 1- Collections of question and answer of general basic medicine exam, teymurzade edition 1376.
- 2- Microbiology text for master degree of basic sciences, teymurzade edition, 1382
- 3- Immunologic natural pregnancy, Shahid Beheshti medical sciences edition, 1382 (winner of first present (gift) of student book bahman 1383
- 4- Oldage immunology, Masud Ahmad, Nariman Mossaffa, Tehran University Edition 1386.
- 5- Infection disease immunology, Under publish

- **Translated book:**

- 1- Basic, clinical immunology 2- volume, Tehran Jahad University 1371
- 2- Venereal immunology- Danesh Pajoh Edition 1372
- 3- Clinical immunology expression and function- Ara Edi 1372
- 4- Abol Abbas basic immunology (2002), Feghh edition- 1382
- 5- Abol Abbas basic immunology- Noor Danesh Edition 1384



Experimental and functional aspect in research laboratory

- 1- Animal experiences on pore laboratory models: Balb/c Mice
- 2- Experimental surgeries specially in organ transplantation
- 3- Tissue and cell culture like primary and saving cells line
- 4- How to haraut cell sample and tissue in vital creative
- 5- Laboratory experience in phagocyte activities
- 6- Culture of mono liner cells like. Fibroblaustand epithelial cells
- 7- Some immune phone typing techniques: immune his to chemistry, and using different flour sans microscopes

- **Workshop experiences and participation in educational periods**

- 1- In immunology and molecular biology of infection disease which exhibited lay selected professors from who in Iranian institute pastor: interval was Zweeks from 1819/71 in Tehran
- 2- Participating in 31th research methodology workshop specified for university professors in 1372 (6-13 of Aban) in Shohada hospital
- 3- Corresponding for cell culture and tissue workshop in 1388 (Shahrivar)
- 4- Corresponding for stem cell separated and extraction workshop from vital tissue in 1386 (Isfand0
- 5- Member of cell and tissue culture in sari medical faculty in 1387 (Azar)
- 6- Participating in aday improving immune histo chemistry affiliated to Dako Firm (1389- Tir) Tehran

- **Work Experiences:**

- 1- Member of faculty of the veterinarian and agriculture research , Iranian industry and scientific research, 1360 (Shahrivar to 1362 Aban)
- 2- Full time resident of immunology depant of Tehran university Tehran , 1361 (Aban)- 1365 Isfand
- 3- Full time members of faculty of Shahid Beheshti University from 1366 till now
- 4- Assistant of research board of medical faculty in thesis for clinical field and basic sciences resident from Shahid Beheshti university from 1373 till now

- 5- Member of research and educational planning and services committee of Shahid Beheshti medical sciences
- 6- Member of scientific committee affiliated to two year old congress of international immunology
- 7- Member of editorial board of medical journal, Shahid Beheshti university
- 8- Member of organ trans plantation board, Talegani hospital for a year (1378-1379)
- 9- Jude of research thesis of medical educational ministry of hiegene
- 10-Judge of research articles, research in medical, pare medicine, cell, acta medical Iranian magazine, physiology and pharmacology, fertility and infertility journal
- 11-Consultation of research method in orthopedy research center of Akhtar Hospital
- 12-Meber of research board of university till
- 13-Member of editorial board of English language journal (I. J of immunology) 1381- 1386
- 14-Member of Iranian jnomic center research center
- 15-Member of immunology Allergy society research of culture board
- 16-Member of research center of nano technology and tissue engineer affiliated to Shahid Beheshti university
- 17-Member of new group of molecular medical in medical faculty manageing by indocrine research center from 1386 till now