



**Family name:** Maghsoudi

**Name:** Nader

**Date of birth:** 1958

**Marital Statute:** Married

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#### Qualification

M.sc. Biophysics Bombay Univ. 1982

PhD. Appl. Biol. Bombay Univ. 1986 (Cell Biol)

Ph.D. Thesis : Endothelial Cells In Leprosy

Faculty Member of Shahid Beheshti University of Medical Sciences, Tehran, Iran

#### Experiences and Awards

1- Teaching for 18 years in B.sc. and M.Sc. and PhD Level in fields of cell biology, cell physiology, biophysics ,Mol. Biology,.....

2- Attending international workshop on Macrophage cells culture .

3- Received Gold Medal From Second international congress on integrated Medicine Banaras, India Nov. 1996.

#### Fields of Interest

1- Heterologous gene expression

2- Recombinant protein production – recombinant vaccines

3- Prokaryotic and eukaryotic heterolog gene expression

4- Molecular Detection of microorganisms

5- Cellular mechanism of disease (mostly ultrastructural changes).

6- In Vitro toxicity testings, Mostly using cell cultures, Nerve cells, endothelial cells , etc .....

7- Cell physiology ( cell permeability) . I have worked with endothelial cells, fibroblasts, macrophages, nerve cells, Hela, Vero, cells.

#### MAIN Projects Completed:

1- Cloning, Expression, Purification and bioassay of rh. INF- gamma

2- Cloning, Expression and purification of 2A – Protease in E.coli.

#### Thesis Guided

1- Mechanism of penetration of sulfur mustard into V79 cells. M.Sc. thesis submitted to T.M. Univ. Student name: Moazedi, A.A.

2- Effect of sulfur mustard on cells organelles.An Electron microscopy study. M.Sc. Thesis submitted to T.M. Univ, 1990. Student

name : Namnama, M.R.

3- Effect of mustard on guinea pigs skin. M.Sc. Thesis submitted to T.M. Univ, 1990. Student Name: Amirzargar , A.

4- Effect of sulfur mustard on human erythrocyte cell electrophoresis. M.Sc. Thesis submitted to T.M. Univ. Student name:  
Tavakoli,

5- Studying the mechanism of mustard penetration into human blood cells.

M.Sc. Thesis submitted to shahid Chamran Univ., Ahwas, 1995. Student Name: Abdi, A.

6- Estimation of sulfur mustard and its metabolites in urine of rat after dermal application of mustard. Thesis submitted to  
Islamic

Azad Univ. For the degree of M.Sc in pharmacy, 1995. Student name: Kardusi, B.

7- Cloning of VP1 antigen of coxsackie virus.

Thesis submitted for MSC degree. I.H.Univ. Tehran, 2002 Student name, Mohammadi

8- Characterization of a separated streptomyces wild strain

MSC Thesis submitted to tehran University

Student name : Ms Mahmoudian.

Advisor : Dr Maghsoudi

#### **Current Thesis Guiding & advising**

1- Cloning of PABP1 gene – MSC thesis, M.A.T. university Student name.

MS. Golmanesh, Guide Dr Maghsoudi

2- Molecular Detection of mycobacterium leprae

Two MSC Project for MAT university

Students name: 1- Ms mortezaie and 2- Mr Sadegi

Guide Dr Maghsoudi

3- Subcloning and Expression of VP1 antigen.

MSC project for I.H. University

Student name : Mr Khalipour.

Guide: Dr Maghsoudi

4- Scale up of Gamma – Interferon fermentation

phD project for Tarbiat modarres univ.

Student name: Mr Khalizadeh

Advisor: Dr Maghsoudi

5- Purification and scale up of recombinant gamma interferon

phD project for Tarbiat modarres univ.

Student name: Mr mohammadian

Advisor: Dr Maghsoudi

6- Cloning, Expression and bioassay of hr INF- gamma

phD Project for pasteur Institute

Student name: Mr moeenkhanlou

Advisor: Dr Maghsoudi

7- Detection and characterization of m.leprae linear- antigen

MSC. Project for MAT Univ.

Student name: Mr khatami

Guide: Dr Maghsoudi

8- Effect of Insulin and corticosteroids.....,

Ph.D thesis, Shahid beheshti university of medical sciences,

Student, Ms, Mousavi

### Published papers and abstracts:

1- In Vitro interaction of M.Leprae and Endothelial cells. **Maghsoudi, N.** and L. Mehta International J.Leprosy, Vol 54, No: 1, March 1986 pp.135-137.

2-In vitor assessment of endothelial cell response to Mycobact leprae. Mental Dorvadi.MH, Damavandi.M, **Maghsoudi. N.** International Journal Lepr other Mycobact Dis. 1986 March ; 54(1) ; 135-137

3-Alkaline phosphatase activity in peripheral nerves and endothelial cell cultures in leprosy Mental Dorvadi.MH, Damavandi.M, **Maghsoudi. N.** India Journal Lepr 1987 Apr-Jun ; 59(2) ; 230

4-Nerve vessels damage in leprosy. Moamin, H., **Maghsoudi, N.** and L. Mehta Ind. J.Leprosy, 1987.

5-Over expression of recombinant human interferon gamma in high cell density fermentation of E.Coli. R Khalilzade, S.Shojasadati, A. Bahrami and **N. Maghsoudi.** Biotechnology Letters, (2003) 25:1989-1992.

6-Process development for production of recombinant human interferon Gamma expressed in E.Coli. Khalilzadeh, R., Shojasadati, SA.,**Maghsoudi N.** et al., J.Ind Microbiol Biotechnol (2004) 31:63-69

7-The effect of oxidative stress on production of recombinant human interferon Gamma in E.Coli. Mohammadian,M: Naderimanesh H,**Maghsoudi N,** Khalilzadeh R, Shojasadati, S and Ebrahimi M. ,Biotechnol Appl Biochem.(2005) 41, 37-42

8- In Vitro interaction of Antileprosy Drugs and M.Leprae. **Maghsoudi, N.** and L. Mehta Abs: European J. of pharmacology, Vol 183/6 July 1990, P. 2103.

9- Effect of sulfur mustard on fibroblast cells. – An ultrastructural study. **Maghsoudi, N.** Acta physiologica Scandinavia Vol. 146, Supplementum 608, 1992, P.214

10- Design of an ELISA system to detect rh INF- gamma in biologic sample. **Maghsoudi, N;** Akbari, B; Mohammadi,M; Sadeghi, V; Deldar, A; Zeinoddini, M. Submitted for publication .The Hematology Journal, Vol. 3. Supplement 1, June 2002 (Abst. P.384)

11- Cloning and Expression of Human Immune interferon cDNA in E.coli. Arbabi, M; Alasti, F; Deldar.D; Hosseini; S., **Maghsoudi, N;** Sanati, M.H. Submitted for publication.

12-A novel high yield method for pilot scale purification of recombinant human interferon gamma from E.Coli. Mohammadian, j., Naderimanesh, H., Nasiri,M.A. **Maghsoudi, N.** et al., Submitted for publication

- 13-Biological activity of recombinant 2A Protease from CVB3. **Maghsoudi N**, Zeinoddin M, Nasiri M.A., Deldar A. The FEB Journal Vol 272, supplement 1. July 2005. PP: 514.
- 14-Molecular phylogenetic analysis of Iranian HDV complete genome. Behzadian F, Sabahi F, Karimi M, Sadeghizadeh M, **Maghsoudi N**, Forooshani RS, Shahinsaz L. Hormones and Behavior (2006) Virus Gene(2005) vol 30,No:3, 383-393 .
- 15-The effect of intrahippocampal insulin microinjection on spatial learning and memory. Moosavi M, Naghdi N, **Maghsoudi N**, Zahedi Asl S. Hormones and Behavior (2006).
- 16-Nifedipine suppresses morphine-induced thermal hyperalgesia: Evidence for the role of corticosterone. Esmaeili-Mahani S, Fereidoni M, Javan M, **Maghsoudi N**, Motamedi F, Ahmadiani A. European Journal of Pharmacology 567 (2007) 95-101.
- 17-Over-production of human interferon- by HCDC of recombinant Escherichia coli. V. Babaeipour, S.A.Shojaosadati,S.M.Robatjazi, R.Khalilzadeh, **N. Maghsoudi**.Process Biochemistry 42(2007) 112-117.
- 18-M. Moosavi, N Naghdi, **N. Maghsoudi**, S.Zahedi Asl. Insulin protects against stress-induced impairments in water maze performance. Behavioural Brain Research 176 (2007) 230-236.
- 19-A proposed feeding strategy for overproduction of recombinant proteins by E. coli. Babaeipour V, shojaosadati SA, Khalilzadeh R,**Maghsoudi N**, Tabandeh F.Biotechnol Appl Biochem.2007 Jul 16; PubMed.
- 20- Low-dose morphine induces hyperalgesia through activation of G alphas, protein kinase C, and L-type Ca<sup>2+</sup> channels in rats. Saeed Esmaeili-Mahani, Noriaki Shimokawa, Mohammad Javan, **Nader Maghsoudi**, Fereshteh Motamedi, Noriyuki Koibuchi, and Abolhasan Ahmadiani. Journal of Neuroscience Research 86:471-479 (2008).
- 21- Improving purification of recombinant human interferon  $\gamma$  expressed in Escherichia coli; effect of removal of impurity on the process yield. Jafar Mohammadian-Mosaabadi, Hossein Naderi-Manesh, **Nader Maghsoudi**, Mohammad-Ali Nassiri-Khalili, Mohammad Reza Masoumian, Narges Malek-Sabet . Protein Expression and Purification, Volume 51, Issue 2, February 2007, Pages 147-156
- 22- In vitro Replication of Hepatitis D Virus Using a New Construct Containing a cDNA Dimer of HDV Genome. Farida Behzadian, Farzaneh Sabahi, Majid Sadeghizadeh, **Nader Maghsoudi**, Fatemeh Fotouhi Chahooki, Mohsen Karimi. Intervirology. 2007;50(6):387-93. Epub 2007 Oct 31.
- 23- Purification and partial characterization of coxsakievirus B32A protease expressed in Escherichia coil, **Maghsoudi N**, Fariba Khodaghohi, Mahnaz Sajadi, Mehdi Zeinodini, Marjan Sabbaghian.International Journal of Biological Macromolecules, In Press, Corrected Proof, Available online 11 June 2008.
- 24-Moosavi M, **Maghsoudi N**, Zahedi-Asl S, Naghdi N, Yousefpour M, Trounce IA. The role of PI3/Akt pathway in the protective effect of insulin against corticosterone cell death induction in hippocampal cell culture. Neuroendocrinology. 2008;88(4):293-8.
- 25-Enhancement of Human gamma-Interferon Production in Recombinant E. coli Using Batch Cultivation. Babaeipour V, Shojaosadati SA, Khalilzadeh R, **Maghsoudi N**, Farnoud AM. Appl Biochem Biotechnol. 2009 Aug 5.
- 26-Chitosan prevents oxidative stress-induced amyloid beta formation and cytotoxicity in NT2 neurons: involvement of transcription factors Nrf2 and NF-kappaB. Khodaghohi F, Eftekhazadeh B, **Maghsoudi N**, Rezaei PF. Mol Cell Biochem. 2010 Apr;337(1-2):39-51.
- 27-Stabilization of transcription factor Nrf2 by tBHQ prevents oxidative stress-induced amyloid beta formation in NT2N neurons. Eftekhazadeh B, **Maghsoudi N**, Khodaghohi F. Biochimie. 2010 Mar;92(3):245-53.
- 28-Targeting enteroviral 2A protease by a 16-mer synthetic peptide: inhibition of 2Apro-induced apoptosis in a stable Tet-on HeLa cell line.**Maghsoudi N**, Tafreshi NK, Khodaghohi F, Zakeri Z, Esfandiarei M, Hadi-Alijanvand H, Sabbaghian M, Maghsoudi AH, Sajadi M, Zohri M, Moosavi M, Zeinoddini M. Virology. 2010 Mar 30;399(1):39-45.

- 29-Inhibition of oxidative stress-induced amyloid beta formation in NT2 neurons by culture filtrate of a strain of *Streptomyces antibioticus*. Eftekharzadeh B, Hamed J, Mohammadipanah F, Khodaghali F, **Maghsoudi N**, Klenk HP. *Appl Microbiol Biotechnol*. 2010 May;86(6):1805-11.
- 30-Agmatine prevents LPS-induced spatial memory impairment and hippocampal apoptosis. Zarifkar A, Choopani S, Ghasemi R, Naghdi N, Maghsoudi AH, **Maghsoudi N**, Rastegar K, Moosavi M. *Eur J Pharmacol*. 2010 May 25;634(1-3):84-8.
- 31-Comparison of changes in mRNA expression of spinal glutamate transporters following induction of two neuropathic pain models. Mirzaei V, Manaheji H, **Maghsoudi N**, Zaringhalam J. *Spinal Cord*. 2010 Nov;48(11):791-7.
- 32-Synergy between glutathione peroxidase-1 and astrocytic growth factors suppresses free radical generation and protects dopaminergic neurons against 6-hydroxydopamine. Gardaneh M, Gholami M, **Maghsoudi N**. *Rejuvenation Res*. 2011 Apr;14(2):195-204.
- 33-Homology modeling, docking, molecular dynamics simulation, and structural analyses of coxsakievirus B3 2A protease: an enzyme involved in the pathogenesis of inflammatory myocarditis. Maghsoudi AH, Khodaghali F, Hadi-Alijanvand H, Esfandiarei M, Sabbaghian M, Zakeri Z, Shaerzadeh F, Abtahi S, **Maghsoudi N**. *Int J Biol Macromol*. 2011 Nov 1;49(4):487-92.
- 34-The relation between pregnancy and stress in rats: considering corticosterone level, hippocampal caspase-3 and MAPK activation. Moosavi M, Ghasemi R, **Maghsoudi N**, Rastegar K, Zarifkar A. *Eur J Obstet Gynecol Reprod Biol*. 2011 Oct;158(2):199-203.
- 35-Optimized Quantities of GDNF Overexpressed by Engineered Astrocytes Are Critical for Protection of Neuroblastoma Cells Against 6-OHDA Toxicity. Safi R, Gardaneh M, Panahi Y, **Maghsoudi N**, Zaefizadeh M, Gharib E. *J Mol Neurosci*. 2011 Oct 4.
- 36-Investigation of the efficacy of a biogeneric recombinant human erythropoietin alfa in the management of renal anemia in patients on hemodialysis: a multi-center clinical trial. Beiraghdar F, Panahi Y, Einollahi B, Nemati E, Ghadiani MH, Sahebkar A, **Maghsoudi N**, Marzony ET. *Clin Lab*. 2012;58(7-8):737-45.
- 37-Programmed cell death and apoptosis--where it came from and where it is going: from Elie Metchnikoff to the control of caspases. **Maghsoudi N**, Zakeri Z, Lockshin RA. *Exp Oncol*. 2012 Oct;34(3):146-52.
- 38-Determination of *Helicobacter pylori* CagA EPIYA types in Iranian isolates with different gastroduodenal disorders. Vaziri F, Najar Peerayeh S, Alebouyeh M, Molaei M, **Maghsoudi N**, Zali MR. *Infect Genet Evol*. 2013 Apr 6;17C:101-105.
- 39-Study of the variations in apoptotic factors in hippocampus of male rats with posttraumatic stress disorder. Alani B, **Maghsoudi N**, Khatibi A, Nouredini M, Aseffar F, Shams J. *Adv Biomed Res*. 2013 Mar 30;2:42.
- 40-Repeated intra-hippocampal injection of beta-amyloid 25–35 induces a reproducible impairment of learning and memory: considering caspase-3 and MAPKs activity. Ghasemi R, Zarifkar A, Rastegar K, **Maghsoudi N**, Moosavi M. *Eur J Pharmacol*. 2014 Mar 5;726:33-40.
- 41-Maximizing Production of Human Interferon- $\gamma$  in HCDC of Recombinant *E. coli*. Babaeipour V, Shojaosadati SA, **Maghsoudi N**. *Iran J Pharm Res*. 2013 Summer;12(3):563-72.
- 42-Overexpression of Recombinant Human Beta Interferon (rhINF- $\beta$ ) in Periplasmic Space of *Escherichia coli*. Morowvat MH, Babaeipour V, Rajabi-Memari H, Vahidi H, **Maghsoudi N**. *Iran J Pharm Res*. 2014 Winter;13(Suppl):151-60.
- 43-Down Regulation of ackA-pta Pathway in *Escherichia coli* BL21 (DE3): A Step Toward Optimized Recombinant Protein Expression System. Bakhtiari N, Mirshahi M, Babaeipour V, **Maghsoudi N**, Tahzibi A. *Jundishapur J Microbiol*. 2014 Feb;7(2):e8990.
- 44-Involvement of Nrf2 in Development of Anxiety-Like Behavior by Linking Bcl2 to Oxidative Phosphorylation: Estimation in Rat Hippocampus, Amygdala, and Prefrontal Cortex. Khalifeh S, Oryan S, Digaleh H, Shaerzadeh F, Khodaghali F, **Maghsoudi N**, Zarrindast MR. *J Mol Neurosci*. 2014 Jul 11. [Epub ahead of print]
- 45-Borna disease virus (BDV) infection in psychiatric patients and healthy controls in Iran. Mazaheri-Tehrani E, **Maghsoudi N**, Shams J,

Soori H, Atashi H, Motamedi F, Bode L, Ludwig H. Virol J. 2014 Sep 3;11:161.

46-Insulin protects against A $\beta$ -induced spatial memory impairment, hippocampal apoptosis and MAPKs signaling disruption. Ghasemi R, Zarifkar A, Rastegar K, **Maghsoudi N**, Moosavi M. Neuropharmacology. 2014 Oct;85:113-20.

47-Novel effects of Helicobacter pylori CagA on key genes of gastric cancer signal transduction: a comparative transfection study. Vaziri F, Peerayeh SN, Alebouyeh M, **Maghsoudi N**, Azimzadeh P, Siadat SD, Zali MR. Pathog Dis. 2015 Apr;73(3).

48-Collaboration of geldanamycin-activated P70S6K and Hsp70 against beta-amyloid-induced hippocampal apoptosis: an approach to long-term memory and learning. Zare N, Motamedi F, Digaleh H, Khodaghali F, Maghsoudi N. Cell Stress Chaperones. 2015 Mar;20(2):309-19.

49-Effect of Chronic Restraint Stress on HPA Axis Activity and Expression of BDNF and Trkb in the Hippocampus of Pregnant Rats: Possible Contribution in Depression during Pregnancy and Postpartum Period. **Maghsoudi N**, Ghasemi R, Ghaempanah Z, Ardekani AM, Nooshinfa E, Tahzibi A. Basic Clin Neurosci. 2014 Spring;5(2):131-7.

50-Geldanamycin Reduces A $\beta$ -Associated Anxiety and Depression, Concurrent with Autophagy Provocation. Zare N, Khalifeh S, Khodaghali F, Shahamati SZ, Motamedi F, **Maghsoudi N**. J Mol Neurosci. 2015 Jul 25. [Epub ahead of print]

51-Complexity of Compensatory Effects in Nrf1 Knockdown: Linking Undeveloped Anxiety-Like Behavior to Prevented Mitochondrial Dysfunction and Oxidative Stress. Khalifeh S, Oryan S, Khodaghali F, Digaleh H, Shaerzadeh F, **Maghsoudi N**, Zarrindast MR. Cell Mol Neurobiol. 2015 Jul 23. [Epub ahead of print]

52-Digitoflavone provokes mitochondrial biogenesis in PC12 cells: A protective approach to oxidative stress. Yans A, Shahamati SZ, Maghsoudi AH, **Maghsoudi N**. Pharm Biol. 2015 Dec;53(12):1727-34.

53-Novel effects of Helicobacter pylori CagA on key genes of gastric cancer signal transduction: a comparative transfection study. Vaziri F, Peerayeh SN, Alebouyeh M, **Maghsoudi N**, Azimzadeh P, Siadat SD, Zali MR. Pathog Dis. 2015 Apr;73(3). pii: ftu021. doi: 10.1093/femspd/ftu021. Epub 2014 Dec 12.

54-Collaboration of geldanamycin-activated P70S6K and Hsp70 against beta-amyloid-induced hippocampal apoptosis: an approach to long-term memory and learning. Zare N, Motamedi F, Digaleh H, Khodaghali F, **Maghsoudi N**. Cell Stress Chaperones. 2015 Mar;20(2):309-19.

55-The Interplay of Akt and ERK in A $\beta$  Toxicity and Insulin-Mediated Protection in Primary Hippocampal Cell Culture. Ghasemi R, Moosavi M, Zarifkar A, Rastegar K, **Maghsoudi N**. J Mol Neurosci. 2015 Nov;57(3):325-34. doi: 10.1007/s12031-015-0622-6.

56-Comparison of Three Escherichia coli Strains in Recombinant Production of Reteplase. Fathi-Roudsari M, Akhavian-Tehrani A, **Maghsoudi N**. Avicenna J Med Biotechnol. 2016 Jan-Mar;8(1):16-22.

57-Cannabidiol Post-Treatment Alleviates Rat Epileptic-Related Behaviors and Activates Hippocampal Cell Autophagy Pathway Along with Antioxidant Defense in Chronic Phase of Pilocarpine-Induced Seizure. Hosseinzadeh M, Nikseresht S, Khodaghali F, Naderi N, **Maghsoudi N**. J Mol Neurosci. 2016 Apr;58(4):432-40.

58- Complexity of Compensatory Effects in Nrf1 Knockdown: Linking Undeveloped Anxiety-Like Behavior to Prevented Mitochondrial Dysfunction and Oxidative Stress. Khalifeh S, Oryan S, Khodaghali F, Digaleh H, Shaerzadeh F, **Maghsoudi N**, Zarrindast MR. Cell Mol Neurobiol. 2016 May;36(4):553-63.

59-Dopaminergic Induction of Umbilical Cord Mesenchymal Stem Cells by Conditioned Medium of Choroid Plexus Epithelial Cells Reduces Apomorphine-Induced Rotation in Parkinsonian Rats. Aliaghaei A, Gardaneh M, **Maghsoudi N**, Salehinejad P, Gharib E. Arch Iran Med. 2016 Aug;19(8):561-70.

60-Three-dimensional structure of porcine pancreatic carboxypeptidase B with an acetate ion and two zinc atoms in the active site. Akparov, V.K., Timofeev, V.I., **Maghsoudi, N.N.**, Kuranova, I.P. Crystallography Reports. 2017: 62(2), pp. 249-253.

- 61-Comparative evaluation of the safety and efficacy of recombinant FVIII in severe hemophilia A patients. Abolghasemi H, Panahi Y, Ahmadinejad M, Toogeh G, Karimi M, Eghbali A, Mirbehbahani NB, Dehdezi BK, Badiee Z, Hoorfar H, Eshghi P, **Maghsoudi N**, Sahebkar A, Gholami-Fesharaki M. J Pharmacopuncture. 2018 Jun;21(2):76-81.
- 62-CEPO-Fc (An EPO Derivative) Protects Hippocampus Against A $\beta$ -induced Memory Deterioration: A Behavioral and Molecular Study in a Rat Model of A $\beta$  Toxicity. Hooshmandi E, Motamedi F, Moosavi M, Katinger H, Zakeri Z, Zaringhalam J, Maghsoudi A, Ghasemi R, **Maghsoudi N**. Neuroscience. 2018 Sep 15;388:405-417.
- 63-Auto-induction for high level production of biologically active reteplase in Escherichia coli. Fathi-Roudsari M, **Maghsoudi N**, Maghsoudi A, Niazi S, Soleiman M. Protein Expr Purif. 2018 Nov;151:18-22.

## لیست مقالات داخلی

- 1-Molecular phylogentic analysis of Iranian HDV complete genome. Behzadian F, Sabahi,F Karimi,M. Sadeghizadeh, M Maghsoudi,N et al. Virus Gene(2005) vol 30,No:3, 383-393
- 2- Effect of sulfur mustard on V79 cell line. Maghsoudi, N. Kausar medical Journal No: 5 (4) , Winter 1379 , pp: 303-308
- 3- Design of a sandwich ELISA system for detection of human G-CSF in picogram. Vae3, M; Zeinoddini, Maghsoudi, N, Soleimani, M; Mostafaiee, A; Fallah, J; Karimi, M; Saidinia, A; Akbari, B. Accepted for publication in modarres medical Journal , 2002.
- 4- Study of the role of src- kinase in CVB3 replication. Maghsoudi, N; Zeinoddini,M; Hosseini, Mhd. Iranian J. Of Biotechnology, Vol 1, No;3 2003, 179-182
- 5- Effect of PRKR inhibition / activation on CVB3 replication. Zeinoddini, M; Hosseini, M.: Maghsoudi, N. Iranian Biomedical Journal 8(3): 157-160 (july 2004).
- 6- Over expression of Human granulocyte colony stimulating factor (Hu.G-CSF) in E. coli. Fallah. J; Akbari,B; Saieedinia, A.R., Karimi, M; Vaez, M.; Zeinoddini, M.,Soleimani, M., Maghsoudi, N.
- 7- G-CSF Bioassay through HL-60 cell line Treated with retinoic Acid and DMSO. Zeinoddini M., Soleimanni M., Akbari B., Karimi M., Vaes M., Fallah J., Saeedinia A.R., Maghsoudi N. Modarres Journal of Medical Sciences, Quartery Research Journal, Vol.5, No. 1, Spring and Summer 2002. pp:47-53
- 8- Construction and Cloning of Human Granolocyte-Colony Stimulating Factor (hG-CSF) cDNA. Saeedinia A.R., Sadeghizade M., Maghsoudi N., Akbari B., Fallah J., Karimi M. Modarres Journal of Medical Sciences, Quartery Research Journal, Vol.5, No. 1, Spring and Summer 2002. pp:55-64
- 9- A simple ELISA System for Detection of hIFN-  $\gamma$ . Zeinoddini M., Maghsoudi N., Akbari B., Mohammadi M.R., Deldar A.A., Sadeghi V. Arch. Razi Ins. 55 (2003) 81-88
- 10- Effect of host Src-kinase inhibiation on replication of Cocksackievirus B3 in vitor . Maghsoudi.N , Zeinoddini.M , Amini.H , S.M.S , Iranian Journal of Biotechnology Vol.1, No.3 , July 2003
- 11- Overe Xpression of recombinant human granulocyte colony\_stimulating factor in E.coli. Fahhah.MJ , Akbari.B , Saeedinia.A , Karimi.M , Vaez.M , Zeinoddini.M , Soleimani.M , Maghsoudi.N . Iranian Journa , Vol 28 , No.3 , September 2003
- 12- Effect of ativation and inhibition of ceeluar PKR on Cocksackievirus B3 replication . Maghsoudi.N , Zeinoddini.M , Amini.H ,

13- Feol – batch cultivation of recombinant E.coli producing human in terferon – 8 under controllea specific growth rate .

Khalilzadeh.R , Shojaosadati.S.A , Bahram.A , Maghsoudi.N , Iranian Journal of Biotechnology Vol 2 , NO. 2 . 2004

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16- Use of 18 and 36 KDa antigens for mycobacterial detection. Sadegi, V., Maghsoudi N, et al. 2005, In press, Iranian Dermatology Journal

۱۷- استفاده از آنتی ژن های ۱۸ و ۳۶ میکو دالتونی مایکو باکتریوم پره برای تشخیص نمونه بیماران ایرانی مبتلا به جذام با روش مولکولی PRC . وحید صادقی ، نادر مقصودی ، یحیی دولتی ، علی اصغر دمدار ، مهران حیدری سراج . فصل نامه بیماریهای پوست دوره ۸ شماره ۵ پائیز ۸۴.

18 -Cloning and Eepression of Coxsakievirus B3 Viral Protein -1 in E.Coli. Maghsoudi N,Khalilpour A,Kamali M,and Zeinoddini M.Iranian Biomedical Journal 11(3):147-152 (July 2007) .

۱۹-ارتباط فعالیت محور هیپوتالاموس هیپوفیز آدرنال با IL-6 طی التهاب مزمن ناشی از آرتریت روماتوئید و تغییر آستانه گیرنده های درد طی آن در رتھای نر. جلال زرین قلم، هما مناهجی، نادر مقصودی، بابک فرخی، وحیده میرزایی. فیزیولوژی و فارماکولوژی سال ۱۳۸۶.

#### Papers presented in International Congresses

1- In vitro interaction of Endothelial cells and M.Leprae. Maghsoudi, N; XIV Biennial conference of Indian association of leprologists. Jabalpur, India, 1986.

2- In vitro interaction of antileprosy drugs and M.leprae. Maghsoudi , N; and lata, M. Xi th. International congress of pharmacology,

Amsterdam, The Netherlands, July 1-6, 1990

3- Permeability of the skin towards sulfur mustard. Maghsoudi , N; et al. The 1991 EUROTOX Congress, Maastricht, The Netherlands. Sept. 1-4, 1991.

4- Effect of sulfur mustard on fibroblast cells – An Ultrastructural study. Maghsoudi , N; et al. XX Nordic congress of physiology and pharmacology,Aug. 16-19 Copenhagen, Denmark.

5-Cloning, Expression and biological activity of 2A protease from CVB3., Maghsoudi N. et al , European Congress of Biotechnology, 2005, Denmark

6- The discrepant effect of intrahippocampal insulin microinjection on spatial learning and memory . M.Moosavi, N,Naghdi ,N.Maghsoudi , S.Zahedi Asl. The 4<sup>th</sup> Congress of Federation of Asian \_Oceanian Neuroscience Societies , November

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