

Mehdi Mahmoodi Salehabad

(BSc. MSc. PhD)

Associated Professor

Department of Medical Biochemistry,

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Personal

Nationality: Iranian
Date of birth: 26 July 1959
Sex: Male
Marital status: Married, Three children
Present Position: Academic member (Associated Professor), Head of the Department of Biochemistry, Director of the Specialized Pathobiological Laboratory of Rafsanjan Faculty of Medicine.
Institution: Faculty of Medicine, Rafsanjan University of Medical Sciences
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Qualifications:

1. Primary school, Jiroft, Iran 1971
2. High School, Kerman, Iran 1978
3. BSc. of Chemistry from Kerman University in May 1985.
4. MSc. of Medical Biochemistry from Tehran Medical Sciences University on Jan. 19, 1991.
5. PhD of Clinical Biochemistry from Imperial college School of Medicine, University of London, London, UK, on April 1999.
6. Diploma of Imperial College (DIC) in Metabolic Medicine, from Imperial college School of Medicine, University of London, London, UK, 1999.

Professional Experience:

1. Chemistry Teacher: Teaching chemistry in high School (Kerman-Iran)
Clinical Biochemistry Lab: Working in lab from 1988-90 (part time) Sina Hospital Tehran, Iran.
3. Head of Dept. of Biochemistry: Rafsanjan Faculty of Medicine, 1992-93
4. Clinical Biochemistry: Assistant of Clinical Biochemistry laboratory Rafsanjan Faculty of Medicine 1992-94.
5. Academic Member of University: Teaching Biochemistry in Faculty of Medicine, Rafsanjan, Iran 1991-94
6. MPhil/PhD student: Department of Metabolic Medicine, Imperial College School of Medicine, Hammersmith Hospital, Endocrine Unit, Du Cane Road London W12 ONN, 1995-99
7. Teaching Biochemistry in Rafsanjan University Assistant Professor (Lecturer), 1999 to 10 Aug.2004.
8. Teaching Biochemistry in Rafsanjan University Associated Professor (Senior Lecturer),

- 11 Aug.2004 to date.
- 9 Teaching Specialized English (English for students of Medicine) in Rafsanjan Faculty of Medicine as an Assistant Professor (Lecturer), 2000 to date
 10. Lab Director: The Head of the Specialized Pathobiological Laboratory, 2002 to date.
 - 11 Head of the Department of Medical Biochemistry, Biophysic, Nutrition and Genetic, March 2003 to 04/12/2005.
 - 12 Dean of the Faculty of Dentistry, from 19/03/2006 to 30/05/2006.
 - 13 Vice Chancellor for Education, Research and Student Affairs of RUMS from 05/12/2005 to date.
 - 14 Member of Editorial Board of the Scientific Journal of Rafsanjan University of Medical Sciences.

Membership of National / International Associations / Societies

1. Membership of Biochemistry Association of Iran, 1990 to date
2. Membership of society for Endocrinology 1994 - 1999
3. Membership of Clinical Sciences of Laboratory Association of Iran, 2001 to date

Papers Presented

- 1 Mahmoodi M, Farzami B, Maleknia N: Isolation and purification of Transketolase from human red blood cells, paper presented in first congress of Biochemistry of Iran Tehran Iran.
- 2 Farzami B, Mahmoodi M: Transketolase Isoenzymes, 11th Congress of Physiology and Pharmacology Tabriz Iran.
 - 1 Lotfi AS, Mahmoodi M, Sadeghi A, Mahdavi Z: Effect of anaerobic exercises on some Blood metabolites (BS, BUN, UA and Cholesterol) Isfahan Iran.
 - 2 Mahmoodi M, Lotfi AS: Effect of exercise on Ca,P,Fe,Na+ and K+ in blood serum Zanjan Iran.
 - 3 Mahmoodi M and Lotfi AS: Effect of long term training on some Biochemical metabolite of Blood, poster presented in second congress of Biochemistry, Tehran, Iran, 1993.
 - 4 Lotfi AS, Mahmoodi M: Exercise and It's affects on Blood Biochemistry 11th congress of Physiology and Pharmacology of Iran Tabriz Iran 1994.
 - 5 Mahmoodi M., Gardiner JV, Ghatei MA, and Bloom SR: Transfection of RIN1056a, a rat insulinoma derived cell line with Neuropeptide Y cDNA. The 2nd Iranian Medical Sciences Symposium, Manchester, UK, 1995.
 - 6 Gardiner JV, Mahmoodi M and Bloom SR: Galanin expressing, encapsulated endocrine cells as a method of chronic peptide elevation in vivo, Third International Congress of The Cell Transplant Society, Miami Beach, Florida, USA, 1996.
 - 7 Mahmoodi M, Gardiner JV, Ghatei MA and Bloom SR: Transfection of 6-23, a rat Thyroid Carcinoma cell line with Neuropeptide Y cDNA. The Baylis & Starling Society Meeting, Liverpool, UK 8-10 September 1997, Abstract published in Regulatory Peptides, Volume 71, Number 1 1997.
 - 8 Gardiner JV, Mahmoodi M and Bloom SR: *In Vivo* Studies of Encapsulated, Galanin Expressing, Endocrine Cells, A Potential Model of Chronic Peptide Elevation In Vivo. The Baylis & Starling Society Meeting, Liverpool, UK 8-10 September 1997, Abstract published in Regulatory Peptides, Volume 71, Number 1 1997.
 - 9 Mahmoodi M, Gardiner JV, Ghatei MA and Bloom SR: Neuropeptide Y Expressing Encapsulated Cell Line as a Model For Chronic Endocrine Manipulation, The 4th International Npy Conference, October 13-14 1997, London, UK, Abstract published in Regulatory Peptides, Volume 71, Number 3 Page 234 1997.
 - 10 Gardiner JV, Kohler WM, Rossi M, Mahmoodi M, and Bloom SR: Direct injection of

- Cytomegalovirus promoter driven Neuropeptide Y cDNA into the paraventricular nucleus of rats results in increased food intake and weight gain., 8th International Congress on Obesity, Paris, France, 29 August – 3 September 1998.
- 11 Mahmoodi M, Gardiner JV, Ghatei MA and Bloom SR: Transfection of 6-23, a rat Thyroid Carcinoma cell line with (Pro-34)Neuropeptide Y cDNA, 9th Arab Congress of Clinical Biology and 3rd Moroccan Meeting of Clinical Chemistry (Rabat 2000), Rabat, Morocco May 3-6 2000.
 - 12 Manhoodi M, Ghatei MA: Oral presentation 6th congress of Biochemistry of Islamic Republic of Iran Tehran, 22-25 Oct. 2001.
 - 13 Mahmoodi M, Gardiner JV, Ghatei MA and Bloom SR: Investigate the chronic effects of NPY by sub-cutaneous implantation of 6-23 cells producing NPY in WAG rats. Oral presentation and Poster in 9th Asia-Pacific Congress of Clinical Biochemistry, 9-14 March 2002, New Delhi, India.
 - 14 Mahmoodi M, Gardiner JV, Ghatei MA and Bloom SR: Implantation of Fiber Encapsulated Transfected Cells With NPY cDNA, into the Lateral Ventricle, Alter the Body Weight in Rats. Poster presented in the 18th International Congress of Clinical Chemistry and Laboratory Medicine, 20-25 October 2002, Kyoto, Japan. Abstract published in the Journal of Clinical Chemistry and Laboratory Medicine vol.40, Special supplement, 2002; page: S116.
 - 15 Asadi Karam GR, Mirzaee MR, Rasaee MJ, Pouramir M, Mahmoodi M: Preparation and purification of Anti-Proteinase 3 Antibodies from Egg Yolk. Poster presented in the 18th International Congress of Clinical Chemistry and Laboratory Medicine, 20-25 October, 2002, Kyoto, Japan. Abstract published in the Journal of Clinical Chemistry and Laboratory Medicine vol.40, Special supplement, 2002; page: S233.
 - 16 Shamsi A, Khaksari M, Mahmoodi M, Khosravi MH, Pourkhangar A, Dehghani M: The Role of Adrenalectomy on Anti-Inflammatory Effects of Antipsychotic Drugs. Poster presented in the 5th Scientific Congress Federation of Asian & Oceanian Physiological Societies (FAOPS), 23-26 September 2002; page: 101, Kualalampur, Malaysia.
 - 17 Esmaili Mahani S, Khaksari M, Mahmoodi M, Sajjadi MA: Calcium Channel Blockers Reduces Inflammatory Edema in the Rat: Involvement of the Hypothalamus- Pituitary_ Adrenal Axis., Poster presented in the 5th Scientific Congress Federation of Asian & Oceanian Physiological Societies (FAOPS), 23-26 September 2002; page: 101, Kualalampur, Malaysia.
 - 18 Esmaili Mahani S, Khaksari M, Mahmoodi M, Sajjadi MA, Rezvani ME and Khosravi MH: The role of Hypothalamus Pituitary Adrenal in anti-inflammatory effects of calcium channel blockers, 14th International congress of Geographic Medicine, and 15th Iranian congress of Physiology and Pharmacology, 1381, Shiraz, Iran.
 - 19 Mahmoodi M, Khaksari M, Bazmandegan GR and Sajjadi MA: Calcium channel blockers can control hyperglycemia and prevent weight loss in experimental diabetic rats. Poster presented in the 15th European Congress of Clinical Chemistry and Laboratory Medicine, 1-5 June 2003, Barcelona, Spain. Abstract published in the Journal of Clinical Chemistry and Laboratory Medicine vol.41, Special supplement, 2003; page: S257.
 - 20 Khaksari M, Ferdosi F, Eslamkish S, Shariati M and Mahmoodi M: The effect of Calmodulin inhibitor on vascular permeability in rats with chronic experimental diabetes; Poster presented in the 15th European Congress of Clinical Chemistry and Laboratory Medicine, 1-5 June, 2003, Barcelona, Spain. Abstract published in the Journal of Clinical Chemistry and Laboratory Medicine vol.41, Special supplement, 2003; page: S251.
 - 21 Mirzaei M, Asadi Karam GR, Mahmoodi M: Evaluation of prevalence the fragile X syndrome in 52 patients with moderate mental retardation with cytogenetic methods., Abstract published in the Journal of Clinical Chemistry and Laboratory Medicine vol.41, Special supplement, 2003; page:S328.

- 22 Shamsi-Zadeh A, Khaksari-Haddad M, Mahmoodi M, Khosravi MH: The Role of Hypothalamus-Pituitary-Adrenal Axis on the Anti-inflammatory Effects of Calmodulin Antagonists in Rat. 16th Iranian Congress of Physiology and Pharmacology, Tehran, Iran, Ordibehesht 1382.
- 23 Ferdosi F, Khaksari M, Mahmoodi M, Islam Kish S, Shariati M: The Effects of Calmodulin Antagonists on Vascular Permeability in Experimental Diabetic Rat. 16th Iranian Congress of Physiology and Pharmacology, Tehran, Iran, Ordibehesht 1382.
- 24 Rahmani MR, Khaksari M, Najafi-Pour H, Shariati M, Mahmoodi M: The Anti-inflammatory Effects of Calcium Channel Antagonists on Rheumatoid Arthritis Caused by CFA in Rat's Knee. 16th Iranian Congress of Physiology and Pharmacology, Tehran, Iran, Ordibehesht 1382.
- 25 Mahmoodi M, Khaksari M, Bazmandegan GR, Asadi Karam GR: Study the Effect of Nifedipine and Verapamil in Vasculopathy in Chronic Experimental Diabetic Rats. 7th Congress of Biochemistry of Iran, 6-9 Bahman 1382, Ahwaz, Iran.
- 26 Asadi Karam GR, Mahmoodi M, Hashemi Madani N, Hajizadeh MR, Mirzaee MR: The Effect of Copper, Molybdenum and Selenium Mixtures Proportional to the Amount Exist in Sarcheshmeh Copper Mine on Blood Biochemical Factors in Rat. 7th Congress of Biochemistry of Iran, 6-9 Bahman 1382, Ahwaz, Iran.
- 27 Asadi Karam GR, Masoud Pour N, Salem Z, Sheikhfatholahy M, Mortazae A, Shojaee M, Mahmoodi M: Determination of Mother's Milk Proteins and Their Relationship with Infant's Growth. 7th Congress of Biochemistry of Iran, 6-9 Bahman 1382, Ahwaz, Iran.
- 28 Asadi Karam GR, Aghaee MM, Rahmani MR, Pishgoee A, Khosravi MH, Mahmoodi M and Rashidinejad HR: Opium can alters blood glucose potassium and sodium in male and female rat differently. Presented in 19th International Medical Sciences Student Congress, 6-9 May 2004, Istanbul Turkey, abstract published in the Congress book, page: 73.
- 29 Asadi GK, Rasae MJ and Mahmoodi M: Inhibition of Proteinase 3 (PR3) by Suramin and FCS: Effect of PR3 and Suramin on CHO-cells. abstract published in the Proceedings of the 10th Asian Pacific Congress of Clinical Biochemistry (10th APCCB), 18-23 Sept. 2004, Perth Western Australia, The Clinical Biochemis Review Page: S57.
- 30 Mahmoodi M, Islami MR, Asadi Karam GR, Khaksari M, Hajizadeh MR and Mirzaee MR: Study of the effects of raw garlic on lipids and other blood biochemical factors in hyperlipidemic individuals. (Oral presentation), Proceedings of the 10th Asian Pacific Congress of Clinical Biochemistry (10th APCCB), 18-23 Sept. 2004, Perth Western Australia, The Clinical Biochemis Review Page: S50.
- 31 Asadi Karam GR, Rasae MJ and Mahmoodi M: inhibition of Proteinase 3 (PR3) by Suramin and FCS: Effect of Pr3 and Suramin on CHO-cells. Proceedings of the 10th Asian Pacific Congress of Clinical Biochemistry (10th APCCB), 18-23 Sept. 2004, Perth Western Australia, The Clinical Biochemis Review Page: S57.
- 32 Asadi Karam GR, Khaleghi E, Sayadi HM, Seyed Ghasemi MR, Nazer M and Mahmoodi M: Thyroid hormone and DHEA-S in patients with major depression. Proceedings of the 10th Asian Pacific Congress of Clinical Biochemistry (10th APCCB), 18-23 Sept. 2004, Perth Western Australia, The Clinical Biochemis Review Page: S90.
- 33 Khaksari M, Rezaizadeh AR, Mardani M, Asadi Karam GR, Mahmoodi M: Relationships between ascorbic acid, hydroxyproline and collagen, of wound healing in diabetic rats., 30th FEBS Congress & 9th IUBMB Conference, 2-7 July 2005, Budapest, Hungary. Abstract published in the FEBS Journal, Vol. 272, Supplement 1, July 2005: Page:416.
- 34 Asadi Karam GR, Rashidi A, Rezaian M, Gafarzadeh A, Mahmoodi M, Khaksari M: Thyroid assessment in mothers of primary congenital hypothyroid newborns. 30th FEBS Congress & 9th IUBMB Conference, 2-7 July 2005, Budapest, Hungary. Abstract published in the FEBS Journal, Vol. 272, Supplement 1, July 2005: Page: 492.
- 35 Mahmoodi M, Asadi Karam GR, Khaksari M, Seyedi N, Rahnema A, Hajizadeh M,

- Mirzae M, Sayadi A: The survey of changes in complete blood count (CBC) and RBC indices at different temperatures up to 48h., 30th FEBS Congress & 9th IUBMB Conference, 2-7 July 2005, Budapest, Hungary. Abstract published in the FEBS Journal, Vol. 272, Supplement 1, July 2005: Page: 557.
- 36 Mahmoodi M, Rashidinejad HR, Asadi Karam GR, Khaksari M, Mirzajani E, Bloom SR: Transfection of 6-23, a rat Thyroid Carcinoma cell line with Neuropeptide Y cDNA., Oral presentation in the 8th Iranian Congress of Biochemistry & the 1st International Congress of Biochemistry & Molecular Biology. 11-15 September 2005, Tehran, Iran. Abstract published in Iranian Journal of Biochemistry & Molecular Biology, Vol. 1, No. 1, September 2005, Page: 100.
- 37 Rahmani MR, Khaksari M, Pourshanazari AA, Mahmoodi M, Rezvani ME: Comparison of the effect of different doses of Calcium channel blockers on blood flow and temperature of inflamed knee joint in rat. 17th Iranian Congress of Physiology & Pharmacology, 1-4 October 2005, Kerman, Iran.

Research Projects

1. The survey of changes in complete blood count (CBC) and RBC indices at different temperature up to 48 hours.
2. The effect of raw garlic on a number of biochemical factors in hyperglycemic and/or hypercholesterolemic individuals.
3. The evaluation of organophosphate pesticide poisoning, used in agricultural, on students of 7-12 years old in Rafsanjan villages from 1380 to 1382 (Co-Worker).
4. The evaluation of organophosphate pesticide poisoning and its clinical administration in the workers spraying Pistachios in, Rafsanjan from 2002 to 2003 (Co-Worker).
5. The effects of different percentage of the mixture of: Copper, Molybdenum, and Selenium, on Biochemical factors, (Co-Worker).
6. The study of the effect of Licorice root alcoholic extract on blood sugar of Streptozotocin diabetic rats. The project was designed by Maryam Shahabi (Co-Worker). The date of Confirming: 5/6/1382 Final report: 3/2/1385.

Consult the Theses as supervisor

1. Supervisor of MD thesis In Rafsanjan Faculty of Medicine, entitled: The survey of changes in complete blood count (CBC) and RBC indices at different temperature up to 48 hours. Prepared by Naser Seyedi, Esfand 1381 (March 2003), Thesis No: 347
2. Supervisor of MD thesis In Rafsanjan Faculty of Medicine, entitled: Study of The Effect of Raw Garlic on Lipid and Other Biochemical Blood Factors In Hyperlipidemic Individuals. Prepared by Mohammad Reza Eslami, Farvardin 1382 (April 2003). Thesis No: 348
3. Supervisor of MD thesis In Rafsanjan Faculty of Medicine, entitled: Study of The Effect of Raw Garlic on Blood Biochemical Factors In Hyperglycemic Individuals. Prepared by Mahdieh Golchin, Mehr 1382 (September 2003). Thesis No: 366
4. Supervisor of DDS Thesis in Rafsanjan Faculty of Medicine entitled: The survey of salivary pH changes following drinking of three kinds of fizzy beverages made in Iran. Spring 1385. The other supervisor was Dr. Yalda Nozad Mojaver. Student name: Nader Javidi. Thesis No: 211

Consult the Theses as Consultant

1. Consultant of MD thesis In Rafsanjan Faculty of Medicine, entitled: The effect of

- Copper, Molybdenum, and Selenium mixture (proportional to Sarcheshmeh Copper mine) on blood biochemical factors in rat., Prepared by Nahid Hashemi Madani, Supervised by Dr. Gholamreza AsadiKaram, Summer 1382.
2. Consultant of MD thesis In Rafsanjan Faculty of Medicine, entitled: The effect of Copper, Molybdenum, and Selenium mixture (proportional to Sarcheshmeh Copper mine) on Memory and Body weight of rat., Prepared by Hosien Mohammadi and Saeed Alinaghypour, Supervised by Dr. Gholamreza AsadiKaram and Dr. Ali Asghar PourShanazari, Autumn (Mehr) 1382.

Papers published in English

1. Owji AA, Gardiner JV, Upton PD, Mahmoodi M, Ghatei MA, Bloom SR and Smith DM. Characterisation and molecular Identification of Adrenomedullin Binding Sites in the Rat Spinal Cord: a Comparison with Calcitonin Gene-Related Peptide Receptors, *Journal of Neurochemistry*. 67, 2172-2179 (1996).
2. Gardiner JV, Mahmoodi M and Bloom SR: Long-Term Culture of Galanin Expressing Encapsulated RIN 1056a Cells In Vitro, *Transplantation Proceedings*, 29, 2019-2020 (1997).
3. Edwards CM, Todd JF, Mahmoudi M, Wang Z, Wang RM, Ghatei MA, Bloom SR: Glucagon-like peptide 1 has a physiological role in the control of postprandial glucose in humans: studies with the antagonist exendin 9-39; *Diabetes*. 1999 Jan; 48(1): 86-93.
4. Taheri S, Mahmoodi M, Opacka-Juffry J, Ghatei MA, Bloom SR: Distribution and quantification of immunoreactive Orexin A in rat tissues; *FEBS-Lett*. 1999 Aug20; 457(1): 157-61.
5. Murphy KG, Abbott CR, Mahmoudi M, Hunter R, Gardiner JV, Rossi M, Stanley SA, Ghatei MA, Kuhar MJ, Bloom SR: Quantification and synthesis of cocaine-and amphetamine-regulated transcript peptide (79-102)-like immunoreactivity and mRNA in rat; *J Endocrinology*, 2000, Sep: 166(3): 659-68.
6. Satoh F, Smith DM, Gardiner JV, Mahmoodi M, Murphy KG, Ghatei MA, Bloom SR: Characterization and distribution of prolactin releasing peptide (PrRP) binding sites in the rat—evidence for a novel binding site subtype in cardiac and skeletal muscle; *Br J Pharmacol*, 2000 Apr; 129(8): 1787-93.
7. Mahmoodi M, Khaksari M, Bazmandegan GR, Sajjadi MA and Asadi Karam GR: Calcium Channel Blockers Can Control Hyperglycemia and Prevent Weight Loss in Experimental Diabetic Rats. *Monduzzi Editori, International Proceedings Division*, 675-679 2003; Published full papers presented in the 15th European Congress of Clinical Chemistry and Laboratory Medicine, 1-5 June, 2003, Barcelona, Spain paper indexed in current contents Philadelphia USA.
8. Asadi Karam GR, Aminzadeh F, Shykhfatollahee M, Masoudpour N, Mahmoodi M and Khaksari M: Area In Iran With Severe Elevated Incidence of Congenital Hypothyroidism., *Monduzzi Editori, S.P.A. – MEDIMOND Inc.*, 1039-41 2003; Published full papers presented in the 15th European Congress of Clinical Chemistry and Laboratory Medicine, 1-5 June, 2003, Barcelona, Spain paper indexed in current contents Philadelphia USA.
9. Mahmoodi M, James V Gardiner, Abbas S Lotfi, and Stephen R Bloom: The Demonstration of Polyethylenimine Mediated Gene Transfer into the Rodent Hypothalamus Results in Persistent Over-Expression and Phenotypic Change. *Iranian Biomedical Journal*, 2004; 8(1): 33-39.
10. Mahmoodi M, James V Gardiner, Mohmmmed A Ghatei, Gholamreza Asadikaram, Stephen R Bloom: Investigation of the Chronic Effects of NPY by Subcutaneous Implantation of 6-23 Cells Producing NPY in WAG Rats. *Clinical Biochemistry*, 2004;

- 37(3): 217-23.
11. Asadi Karam GR, Reisi M, Kaseb AA, Khaksari M, Mohammadi A, Mahmoodi M. Effects of Opium Addiction on Some Factors in Addicts With Non-Insulin-Dependent Diabetes Mellitus (NIDDM). *Addiction Biology*, 2004; 9:51-6.
 12. Khaksari M, Esmaili Mahani S, Mahmoodi M: Calcium channel blockers reduce inflammatory edema in the rat: involvement of the hypothalamus-pituitary-adrenal axis., *Indian J Pharmacol.* 2004; 38(6): 351-4.
 13. Asadi Karam GR, Mirzaee MR, Mahmoodi M, Rasaee MJ, Pouramir M: Extraction and purification of anti-proteinase 3 (PR3) antibodies from egg yolk. *Iranian Biomedical Journal*, 2005; 9(1): 41-45.
 14. Asadi Karam GR, Rasaee MJ, Mahmoodi M, Khaksari M: Inhibition of proteinase 3 (PR3) by suramin and FCS: effect of PR3 and suramin on CHO-cells. *Pakistan Journal of Pharmaceutical Sciences*, 2005, 18 (3): 46-8.
 15. Khaksari M, Mahmoodi M, Rezvani MR, Sajjadi MA, Asadi Karam GR, Hajizadeh S: Differences between male and female students in cardiovascular and endocrine responses to examination stress. *JAMC*, 2005; 17(2): 15-19.
 16. Mahmoodi M, Rashidinejad HR, Asadi Karam GR, Khaksari M, Mirzajani E, Bloom SR: Transfection of 6-23 a rat thyroid carcinoma cell line, with the Neuropeptide Y cDNA. *Iranian Journal of Biotechnology.* 2005, 3(2): 121-4.
 17. Khaksari M, Mahmoodi M, Shafiee K, Asadi Karam GR: Ascorbic acid restores vascular permeability in experimental diabetic rat. *Iranian Journal of Medical Sciences.* 2005, 30(3): 128-33.
 18. Mahmoodi M, Gardiner JV, Asadi Karam GR, Khaksari M, Murphy KG, Ghatei MA, Bloom SR: Implantation of fibre encapsulated RIN 1056a cells transfected with NPY cDNA into the lateral ventricle of rats alters body weight. *Regulatory Peptides.* 2005, Dec 15; 132 (1-3): 80-84.
 19. Khaksari M, Mahmoodi M, Shafiee K, Asadi Karam GR: Ascorbic Acid Improves Vascular Permeability in Experimental-Induced Diabetic Diabetic Rats. *Iranian Journal Medical Sciences*, 2005; 30(3): 128-133.
 20. Mahmoodi M, Hajizadeh M, Rashidinejad H, Asadikaram GR, Khaksari M, Mizae M, Seyedi N, Rahnema A, Sayadi A: Survey of Changes in Complete Blood Count and Red Cell Indices of Whole Blood Incubated *In Vitro* at Different Temperatures up to 48 Hours. *J Ayub Med Coll Abbottabad (JAMC).* 2006; 18(1): 14-16.

Papers published in Persian

1. Mahmoodi M, Ghatei MAL: Neuropeptide Y Expressing Encapsulated Cell Line As Model For Chronic Endocrine Manipulation. *The Journal of Rafsanjan University of Medical Sciences (Persian)*, 2001; 1(1): 9-20.
2. Asadi Karam GR, Mirzaee MR, Rasaee MJ, PorAmir M, Mahmoodi M: Separation and Purification of Immunoglobulin Y (IgY) for Anti-Proteinase 3 (PR3) from the Egg Yolk. Full Paper published in third Congress of Bio-Technology, Mashhad Iran 18-21 Shahrivar1382.
3. Hassan-Nia S, Mirbolook F, Lotfi A, Mohsenifar A, Mahmoodi M: Serum HDL2-C Evaluation in Patients With Coronary Heart Disease. *The Journal of Rafsanjan University of Medical Sciences (Persian)*, 2003; 2(2): 74-81.
4. Asadikaram GR, Aminzadeh F, Sheikh Fathollahi M, Masoudpour N, Reyahi B, Yusefnia N, Jamali P, Hedayati M, Ordookhani A and Mahmoudi M: High recall rate in the screening program for congenital hypothyroidism in Rafsanjan. *The Journal Endocrinology and Metabolism of Iran (Persian)*. Sixth year (Spring 1383, 2004), No.1: 21-6.

5. Mahmoodi M, Khaksari M, Asadikaram GR and Bahadoran M: The effect of Nifedipine and Verapamil on Vasculopathy in experimental diabetic rat. *Koomesh, The Journal of Semnan University of Medical Sciences (Persian)*, 2004; 5(3,4): 143-150.
6. Asadi Karam GR, Sajjadi MA, Fathollahi MS, Zangiabadi AH, Naimi L, Mahmoodi M: The Prevalence of Endemic Goiter and its Relation with Urine Iodine in 6-12 years Students of Rafsanjan City in 2000. *The Journal of Shahid Sadoughi University of Medical Sciences of Yazd (Persian)*, (Summer 1383, 2004); 12(2): 68-72.
7. Lotfi AS, Motlagh BA, Hoseini KM, Mahmoodi M: Extraction and Purification of Alpha 1- Proteinase Inhibitor from human Source and Determination of its Physico-Chemical Properties. *The Journal of Modarres Medical Sciences (Persian)*, (Autumn & Winter 1383, 2004); 7 (2): 71-9.
8. Lotfi AS, Faraji F, Allameh A, Mohsenifar A, Rashidinejad H, Mahmoodi M: Interaction of Human Serum Alpha-1- Antitrypsin and Low Density Lipoproteins in " a Perspective to the Relation of Liver and Heart Diseases"., *The Journal of Rafsanjan University of Medical Sciences (Persian)*, (Autumn 1383, 2004); 3(4): 250-7.
9. Khaksari M, Mahmoodi M, Ferdosi F, Asadi Karam GR, Shariati M: The effect of TriFluoroPrazin in the Increasing of Vascular Permeability in Chronic Experimental Diabetic Rats., *The Iranian Journal of Physiology and Pharmacology (Persian)*, (Spring & Summer 1384, 2005); 9(1): 47-55.
10. Rahmani MR, Khaksari M, Mahmoodi M, Pourshanazari AA: The Effect of Calcium Channel Blockers on Experimental Arthritis Induced by Complete Ferund's Adjuvant Injection in Rat Knee. *The Journal of Rafsanjan University of Medical Sciences (Persian)*, (Spring 1384, 2005); 4(2): 73-84.
11. Lotfi AS, Motahhari M, Shakibi MR, Hoseini KM, Motlagh BA, Mahmoodi M: Determination of Serum Level of IgA-Alpha-1- Antitrypsin Complex in Rheumatoid Arthritis Patients. *The Journal of Blood Iranian Blood Transfusion Organisation (Persian)*, (Summer 1384, 2005); 2(4): 65-71.
12. Mirzaei MR, Asadi Karam GR, Mahmoodi M, Hajizadeh MR, Musavi SM, Sayyadi AR, Hosseini SH: Evaluation of Fragile X Syndrome in Patients With Moderate Mental Retardation in Rafsanjan City., *The Journal of Rafsanjan University of Medical Sciences (Persian)*, (Spring 1385, 2006); 5(1): 17-22

Referees

1. Dr. Bijan Farzami MBBS, PhD(USA). Department of Clinical Biochemistry, Tehran University of Medical Sciences, Tehran Iran.
2. Professor M.A Ghatei M.Phil, PhD (London). Endocrine Unit Dept. of Metabolic Medicine Imperial College School of Medicine, Hammersmith Hospital, Du Cane Road London W12 ONN, UK.
3. Professor S.R Bloom MA, MD, DSc, FRCP (path), Professor of Endocrinology Professor & Director, Department of Metabolic Medicine, Endocrine Unit, Imperial College School of Medicine, Hammersmith Hospital, Du Cane Road London W12 ONN, UK.