

CURRICULUM VITAE

MEHDI MAHMOODI SALEHABAD

(BSc. MSc. PhD)



First name: Mehdi

Surname: Mahmoodi Salehabad

E-Mail: mahmoodies@yahoo.com

Nationality: Iranian

Date of birth: 26 July 1959

Sex: Male

Marital status: Married, Three children

Present Position: Faculty Member (Professor), Kerman University of Medical Sciences,
Afzalipour School of Medicine

Previous situation: Academic member (Professor), Head of the Department of Biochemistry,
Director of the Specialized Pathobiological Laboratory of Rafsanjan Faculty of Medicine.

Permanent Address: Kerman, Iran

Office Address: Department of Clinical Biochemistry, Afzalipour School of Medicine, Kerman
University of Medical Sciences.

Qualifications:

1. Primary school, Jirot, 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)
2. 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 March 2011.
9. Teaching Specialized English (English for students of Medicine) in Rafsanjan Faculty of Medicine as an Assistant Professor (Lecturer), 2000 to 2007.
8. Teaching Biochemistry in Rafsanjan University Professor, March. 2011 to date.
10. Lab Director: The Head of the Specialized Pathobiological Laboratory, 2002 to 2006.
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 01/12/2007.
14. Member of Editorial Board of the Scientific Journal of Rafsanjan University of Medical Sciences.
15. Associated Chief Editor of the Scientific Journal of Rafsanjan University of Medical Sciences. 2003-2008
16. Chairman of the Scientific Journal of Rafsanjan University of Medical Sciences. 2006 to date
- 17- International Advisory Board of **Pakistan Journal of Pharmaceutical Sciences (PJPS)**, from January 2007, to date.

18. Head of Dept. of Biochemistry, Biophysics & Genetic, Rafsanjan Faculty of Medicine, from: 17/06/2008 (1387/03/28), to Azar 1393 (Dec 2014) Ref. Number: P/31/4552.
19. Member of the Research Council of Rafsanjan Medical School from 2003 to December 2005.
20. Member of the Promotion Committee of Rafsanjan Medical School from 2001 to 2005.
21. Representative of the Academic Members of Faculty of Medicine at EDC from 2004 to 2006.
22. Advisor to the Chancellor of Rafsanjan University of Medical Sciences on research affairs, from 2007 to 2010.
23. Member of the editorial board of the scientific research quarterly journal of the Rafsanjan School of Nursing, Midwifery and Paramedical Sciences from 2005/04/05, notification number: 639/2/31/P to date.
24. Member of the Research Council of Rafsanjan Medical School from 2007 to 2014.
25. Member of the Board of Clinical Biochemistry of the Ministry of Health from 12/21/90 (2014) for two years, Ref. No. 1758/100 dated 12/21/90.
26. Member of the University Audit Board of Rafsanjan University of Medical Sciences, based on notification number 5077/31/DP dated: 14/10/92.
27. Member of the Research Council of Rafsanjan University of Medical Sciences, pursuant to notification number: 5502/31/Dep dated: 09/28/91 from 09/20/91(2012) to 1396 (2017).
28. Member of the Ethics Committee in Biomedical Research of Rafsanjan University of Medical Sciences, pursuant to notification number: 2359/31/Dep dated 10/04/93 from 10/04/93 (2014) to 1396 (2017).
29. Dean of Rafsanjan Medical School from 06/31/1393 (2014) to 1396 (2017), based on notification number: 4600/Dep dated 06/31/1393.
30. Dean of Afzalipoor Medical School of kerman University of Medical sciences from 1396 (2017) to 1397 (2018).

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: Abstracts.

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.
3. Lotfi.A.S, Mahmoodi M, Sadeghi.A, Mahdavi.Z: Effect of anaerobic exercises on some Blood metabolites (BS, BUN,

UA and Cholesterol) Isfahan Iran.

4. Mahmoodi M., Lotfi.A.S: Effect of exercise on Ca,P,Fe,Na+ and K+ in blood serum Zanjan Iran.
5. Mahmoodi M., and A.S.Lotfi: Effect of long term training on some Biochemical metabolite of Blood, poster presented in second congress of Biochemistry, Tehran, Iran, 1993.
6. Lotfi.A.S, Mahmoodi M.: Exercise and It's affects on Blood Biochemistry 11th congress of Physiology and Pharmacology of Iran Tabriz Iran 1994.
7. Mahmoodi M., Gardiner J.V., Ghatei M.A., and Bloom S.R.: Transfection of RIN1056a, a rat insulinoma derived cell line with Neuropeptide Y cDNA. The 2nd Iranian Medical Sciences Symposium, Manchester, UK, 1995.
8. 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.
9. 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.
10. J.V. Gardiner, M. Mahmoodi, and S.R. Bloom: 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.
11. 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.
12. JV. Gardiner, W.M. Kohler, M. Rossi, M. Mahmoodi, and S.R. Bloom: 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.
13. 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 Moroccoan Meeting of Clinical Chemistry (Rabat 2000), Rabat, Morocco May 3-6 2000.
14. Manhoodi M., Ghatei MA: Oral presentation 6th congress of Biochemistry of Islamic Republic of Iran Tehran, 22-25 Oct. 2001.
15. 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.
16. 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.
17. Asadi Karam G.R., Mirzaee M.R., Rasaei M.J., 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.
18. Shamsi A., Khaksari M., Mahmoodi M., Khosravi M.H., 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, Kuala Lumpur, Malaysia.
19. Esmaili Mahani S., Khaksari M., Mahmoodi M., Sajjadi M.A.: 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, Kuala Lumpur, Malaysia.
20. Esmaili Mahani S., Khaksari M., Mahmoodi M., Sajjadi M.A., Rezvani M.E., and Khosravi M.H.: 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.
21. Mahmoodi M., Khaksari M., Bazmandegan G.R., and Sajjadi M.A.: 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.
22. 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.
23. Mirzaei M., Asadi Karam G.R., 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.

- 24- Shamsi-Zadeh A., Khaksari-Haddad M., Mahmoodi M., Khosravi M.H.: 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.
- 25- 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.
- 26- Rahmani M.R., 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.
- 27- Mahmoodi M., Khaksari M., Bazmandegan G.R., Asadi Karam G.R.: 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.
- 28- Asadi Karam G.R., Mahmoodi M., Hashemi Madani N., Hajizadeh M.R., Mirzaee M.R.: 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.
- 29- Asadi Karam G.R., Masoud Pour N., Salem Z., Sheikhfatholahy M., Mortazaei 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.
- 30- Asadi Karam G.R., 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.
- 31- Gholamreza Asadi Karam, Mohammad Javad Rasaei, Mehdi Mahmoodi: 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.
- 32- 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.
- 32- Gholamreza Asadikaram, Mohammad Javad Rasaei, and Mehdi Mahmoodi: 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.
- 33- GR. Asadi Karam, E. Khaleghi, HM. Sayadi, MR. Seyed Ghasemi, m. Nazer, and M. Mahmoodi: 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.
- 34- M. Khaksari, AR. Rezaizadeh, M. Mardani, GR. Asadi Karam, M. Mahmoodi: 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.
- 35- GR. Asadi Karam, A. Rashidi, M. Rezaian, A. Gafarzadeh, M. Mahmoodi, M. Khaksari: 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.
- 36- M. Mahmoodi, GR. Asadi Karam, M. Khaksari, N. Seyedi, A.Rahnema, M. Hajizadeh, M. Mirzae, A. Sayadi: 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.
- 37- M. Mahmoodi, HR. Rashidinejad, GR. Asadi Karam, M. Khaksari, E. Mirzajani, SR. Bloom: 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.
- 38- MR. Rahmani, M. Khaksari, AA. Pourshanazari, M. Mahmoodi, ME. Rezvani: 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.
- 39- A. Shamsizadeh, M. Khaksari Haddad, M. Mahmoodi: The Survey of the anti-inflammatory effects of the Calmodulin antagonist (W-7), and the role of Hypothalamus-Pituitary-Adrenal Axis in rat. 17th Iranian Congress of Physiology & Pharmacology, 1-4 October 2005, Kerman, Iran.
- 40- GR. Asadi Karam, AA. Pourshahnazari, F. Farshadnia, M. Elyasi, M. Mahmoodi, MR. Hajizadeh, and M. Khaksari: The effect of different percentages of Copper on memory and weight in rats., The 6th Congress of the Federation of Asian and Oceanian Physiological Societies (FAOPS); 15-18 October, 2006; Seoul, Korea.

- 41- GR. Asadi Karam, AA. Pourshahnazari, H. Mohammadi, S. Alinaghypour, M. Mahmoodi, and MR. Hajizadeh: The effect of different percentages of mixture of Copper, Molybdenum, and Selenium on memory and weight in rats., The 6th Congress of the Federation of Asian and Oceanian Physiological Societies (FAOPS); 15-18 October, 2006; Seoul, Korea.
- 42- Mehdi Mahmoodi, Mohmmad Reza Hajizadeh, Mohammad Shamsaddin Dayyani: Vegetarianism in the Instructions of the Greatest Prophet (PBUH)., Conference of Health in the Instructions of the Greatest Prophet (PBUH)., 22-23 February 2007; Rafsanjan, Iran. Abstract in Persian.
- 43- M. Mahmoodi, Sh. Asar, M. Moradi, G.R. Asadi Karam and M.R. Hajizadeh: THE ANTIBACTERIAL EFFECTS OF AQUEOUS GARLIC EXTRACTS ON SOME AGENTS OF HUMAN BACTERIAL SKIN INFECTIONS *IN VITRO*., Poster Abstracts – IFCC – FESCC – EUROMEDLAB 2007– Amsterdam, 3-7 June 2007 abstract published in the Journal of Clin Chem Lab Med 2007; 45, Special Supplement, pp: S304., June 2007 •
- 44- M. Mahmoodi, G.R. Asadi Karam, M. Khaksari and M.R. Hajizadeh THE EFFECT OF RAW GARLIC (*ALLIUM STAIVAM*) ON BLOOD BIOCHEMICAL FACTORS IN HYPERLIPIDEMIC AND HYPERGLYCEMIC INDIVIDUALS, Poster Abstracts – IFCC – FESCC – EUROMEDLAB 2007– Amsterdam, 3-7 June 2007 abstract published in the Journal of Clin Chem Lab Med 2007; 45, Special Supplement, pp: S321., June 2007 •
- 45- Mehdi Mahmoodi, Mohammad Reza. Hajizadeh Gholam Reza. Asadi Karam, and Ahmad Reza Sayadi: The effect of fresh garlic on serum lipid, blood sugar and some hormones that involve in sugar and lipid metabolism in hyperglycemic and/or hyperlipidemic individuals., The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Shiraz, Iran, Oct. 29-nov. 1, 2007. Abstract published in Archives of Iranian Medicine; Volume 10, Number 4 (Suppl 1), October 2007; Pages: S127- S128.
- 46- Mohammad Reza. Hajizadeh, Mehdi Mahmoodi Mohammad Reza Mirzaee, Gholam Reza. Asadi Karam, and Abbas Sadeghi: The beneficial effects of unripened Momordica Charantia on some hormones blood biochemical parameters in rats, The 9th Iranian Congress of Biochemistry & the 2nd International Congress of Biochemistry and Molecular Biology, Shiraz, Iran, Oct. 29-nov. 1, 2007. Abstract published in Archives of Iranian Medicine; Volume 10, Number 4 (Suppl 1), October 2007; Pages: S103.
- 47- Mahmoodi M., Hajizadeh M.R., Asadikaram GR: The Effects of Unripened Momordica Charantia Fruit on Blood Glucose and Lipids In Diabetic Rats Compare to Control Group., 20th International Congress of Clinical Chemistry and Laboratory Medicine, Fortaleza, Brazil., 28 September-2 October 2008., abstract Published in Clin. Chem. Lab. Med., Vol. 46., Special Supl: S183-S184.
- 48- M. Rezaeian, M. Mahmoodi, ME. Rezvani, F. Besharat, E. Haji Ghodratabadi, F. Molaei: A Self-Audit Survey on the Quality and Publication Process of Articles of the Journal of Rafsanjan University of Medical Sciences During 2001-2006. Abstract published in abstract book of 4th Regional Conference on Medical Journals in the Eastern Mediterranean Region (EMMJ4), 5-7 November 2008, Manama, Bahrain.
- 49- Mehdi Mahmoodi, Ahmadreza Sayyadi, MohammadReza Hajizadeh , Gholamreza Asadikaram: The effects of opium and its derivatives withdrawal on a number of blood biochemical factors in dependent individuals referred to RUMS self-introduced center. 18th IFCC-FESCC European Congress of Clinical Chemistry and Laboratory Medicine, Innsbruck, Austria., 7-11 June 2009., abstract Published in Clin. Chem. Lab. Med., Vol. 47., Special Supl: S386.
- 50- M. Mirzaei Abbasabadi, M. Hajizade, M. Mahmudi, G. Asadikaram, E. Rezazadeh, M. Asiabanan: The survey of gene mutation in p53 gene in patients of malignant breast cancer by PCR SSCP method. 18th IFCC-FESCC European Congress of Clinical Chemistry and Laboratory Medicine, Innsbruck, Austria., 7-11 June 2009., abstract Published in Clin. Chem. Lab. Med., Vol. 47., Special Supl: S206.
- 51- Gholamreza Asadikaram, Abdollah Jafarzadeh, Mijid Asyabanha, Hamireza Rashidinejad, Amir Rahnema, Mahdi Mahmoodi, Mohammed Hashemi: Differential effects of opium addiction on the serum levels of Transforming Growth Factor (TGF)- β and white blood cells counts in diabetic male and female rats. 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology, 16-19 November 2009, Tehran, Iran. Abstract Published in Journal of the Iranian Chemical Society. Vol. 6., Special Supl Number 2009: S65.
- 52- Bandare Abbas Daneshjooi
- 53- Mehi Mahmoodi, Mohammadreza Hajizadeh, Seyed Mehdi SeyedMirzaei, Mohsen Rezaian, Mohammadreza Mirzaei, Gholamreza Asadikaram, Abbas Sadeghi: Study of the effects of Morus alba leaf on lipids and glucose in hyperlipidemic or hyperglycemic individuals. The 12th Asian-Pacific Congress of Clinical Biochemistry (APCCB2010), 3-7 October 2010; Seoul, South Korea. Abstract published in abstracts book, Page: 158.
- 54- Mehdi Mahmoodi, Mohammad Khaksari, Zahra Soltani, Nader Shahrokhi, Ali Vaziri, Gholamreza Asadikaram: The Simultaneous Effect of Estrogen and Progesterone on Brain Water Canal (AquaPurin4) in Female Rats with Brain Trauma. The 12th Asian-Pacific Congress of Clinical Biochemistry (APCCB2010), 3-7 October 2010; Seoul, South Korea. Abstract published in abstracts book, Page: 200-201.
- 55- Seyed Mostafa Hosseini Zijoud, Mehdi Mahmoodi, Mohammadreza Hajizadeh, Mohammadali Toghrol: Survey the effect of rawgarlic consumption on the serum levels of lipids, sugar and a number of hormones affective in lipids and sugar metabolism in hyperlipidemic and/or hyperglycemic individuals. 11th Iranian Congress of Biochemistry January 2011, Qazvin, Iran. Abstract Published in abstract book page: 1-P-8.

- 56- Somayeh Eigder, Gholamreza Asadikaram, Faezaneh Sheikholeslam, Ahmadreza Sayyadi, **Mehdi Mahmoodi**, Mohammadjavad Rasai: Opium induces apoptosis in Jukart cells. 11th Iranian Congress of Biochemistry January 2011, Qazvin, Iran. Abstract Published in abstract book page: 6-O-1.
- 57- Zahra Jamali, Gholamreza Asadikaram, Maasoud Saleh Moghaddam, Ahmadreza Sayyadi, Ziba Shaabani, Ahmad Jamalzadeh, Abbas Sadeghi, **Mehdi Mahmoodi**: Survey the prevalence of Vitamin D deficiency in female students 11-17 years old in rafsanjan city during winter 2010. 11th Iranian Congress of Biochemistry January 2011, Qazvin, Iran. Abstract Published in abstract book page: 2-P-23.
- 58- Gholamreza Adsadikaram, Somayeh Eigder, Mohammad Kazemi-arababadi, **Mehdi Mahmoodi**: The effects of different concentration of opium on the secretion of TGF- β in Jukart cells. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S134.
- 59- Narges Yaghini, **Mehdi Mahmoodi**, Gholamreza Adsadikaram, Mohammad Kazemi-arababadi, Gholamhossein Hassanshahi: Serum levels of Interleukin 10 (IL-10) in patient with type 2 diabetes. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S145.
- 60- Zijoud Seyyed Mostafa Hosseini, Javad Housseini, Saeedeh Nabati, Gholamhossein Hassanshahi, **Mehdi Mahmoodi**: Survey on the anti-diabetic effects of vinegar on some biochemical factors in type 2 diabetic patients. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S226.
- 61- Saeedeh Nabati, **Mehdi Mahmoodi**, Fariba Aminzadeh, Gholamhossein Hassanshahi,: Differential expression of CXChemokines CXCL10 (IP-10) and CXCL12 (SDF-1 α) in term and pre-term neonates. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S271.
- 62- Hosseini, Javad **Mahmoodi Mehdi**, Hassanshahi Gholamhossein, Kazemi Mohammad, Vazirinejad Reza: Elevated CXCL10 (IP-10) circulating levels in type 2 diabetic patients is independent of its -1443 promoter polymorphism. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S272.
- 63- Mostafa Hosseini Zijoud Seyyed, **Mehdi Mahmoodi**, Gholamhossein Hassanshahi, Mohammad Kazemi, Hossein Karkamandi: Genetic variation of CXCL chemokine IP-10 (CXCL10) in parallel with its increased serum level in Southeastern Iranian Multiple Sclerosis Patients. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S275.
- 64- **Mahmoodi Mehdi**, Pooladvand Vahid, HosseiniZijoud Mostafa, Hajizadeh Mohammadreza, Hassanshahi Gholamhossien, Kazemi ArababadiMohammad, AsadikaramGholamreza, Mirzai Mohammadreza, Sayyadi Ahmadreza, Sadeghi Abbas, Shamsizadeh Ali: Survey on the effects of different concentration of Citrullus colocynthis fruit powders on some of the Blood Biochemical Factors in normal and diabetic male rats. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S328-9
- 65- Eghbali Hadis, Hosseini-zijoud Seyyed Mostafa, Nabati Saeedeh, **Mahmoodi Mehdi**: Study of the effects of walnut leaf on the levels of a number of Blood Biochemical Factors in normal male rats fed with high cholesterol diet. 12th Iranian Congress of Biochemistry & 4th International Congress of Biochemistry and Molecular Biology, 6-9 September 2011, Mashhad, Iran. Abstract Published in Journal of Clinical Biochemistry. Vol. 44., Number. 13S September 2011: S331
- 66- Vajihah Akbarpour, **Mehdi Mahmoodi***, Rasool Rahmani, Mahmood Nazari: The Effect of Hydroalcoholic Extract of Caper Fruit on Blood Sugar and Lipids in Diabetic and normal Rats, 13th Iranian Congress of Biochemistry & 5th International Congress of Biochemistry and Molecular Biology, 16-19 April 2013, Yazd, Iran Abstract Published in Iranian Journal of Biotechnology. April 2013: pages: 196-7.
- 67- **Mehdi Mahmoodi*** Mahmood Nazari, Mohammadreza Hajizadeh, Mohammadreza Mirzaei, Gholamhossein Hassanshahi, Hasan Yousefi, Farzanehsadat Hoseini, Hadis Ahmadi, Atenasadat Qoreshi, Fahimeh Mohamadian: The regulatory impacts of Morus Alba leaf extract on some enzymes involved in glucose metabolism pathways in diabetic rat liver., 13th Iranian Congress of Biochemistry & 5th International Congress of Biochemistry and Molecular Biology, 16-19 April 2013, Yazd, Iran Abstract Published in Iranian Journal of Biotechnology. April 2013: pages: 210.
- 68- **Mehdi Mahmoodi**, Javad Hosseini, Seyed-Mostafa Hosseini-Zijoud, Mohammadreza Hajizadeh Mohammadreza Mirzaee and Ebrahim Mirzajani: The Effect of Persian Shallot (Allium Hirtifolium Boiss) Extract on Blood Sugar and Serum Levels of Some Hormones in Diabetic Rats. 13th Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress Bali, 27-30 October 2013. Abstract Published in congress Abstract book, Page: 101.
- 69- Mohammadreza Mirzaei, Gholamhossein Hassanshahi, **Mehdi Mahmoodi**, Mohammad Kazemi Arababadi, Mohammad Momeni, Mohammadreza Hajizadeh, Seyed Javad Mowla: RN-Interference-Mediated \circ Silencing of OCT4B1, Alters

Expression Profile of Several of TNF Ligand Receptor Genes in Tumor Cell Lines. 13th Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress Bali, 27-30 October 2013. Abstract Published in congress Abstract book, Page: 84.

- 70- **M. Mahmoodi**, S. Hosseini-Zijoud, J. Hosseini, M. Hajizadeh, M. irzaei: HEPATOPROTECTIVE EFFECTS OF HYDROALCOHOLIC EXTRACT OF ALLIUM HIRTIFOLIUM (PERSIAN SHALLOT) IN DIABETIC RATS., 22nd Congress of Clinical Biochemistry and Laboratory Medicine (IFCC WorldLab Istanbul 2014) – Istanbul, 22-26 June 2014 Abstract Published in Clin Chem Lab Med 2014; 52, Special Suppl, pp S1 – S1760, June 2014 Page: S929.
- 71- M.R. Mirzaei, **M. Mahmoodi**, M. Kazemi Arababbadi, G. Hasanshahi: DOWN-REGULATION OF ANTI-APOPTOTIC GENES IN HUMAN TUMOR CELL LINES IS FACILITATED BY SILENCING OF OCT4B1. 22nd Congress of Clinical Biochemistry and Laboratory Medicine (IFCC WorldLab Istanbul 2014) – Istanbul, 22-26 June 2014 Abstract Published in Clin Chem Lab Med 2014; 52, Special Suppl, pp S1 – S1760, June 2014 Page: S929.
- 72- Gity Farsi, Alireza khoshdel, vahid Razban, Mehdi Mahmoodi, Mohamadreza Hajizadeh: Comparison the Potential of Differentiation between Adipose and Bone marrow – derived Mesenchymal Stem Cells. Int. Congress on Stem Cells & Regenerative Medicine. 20-22 May 2015, Mashhad, Iran. Abstract Published in congress Abstract book, Page: 191.
- 73- Hadith Ahmadi Rad, Farzaneh Hosseini, Mehdi Mahmoudi, Mohammad Reza Hajizadeh, Alireza Khoshdel, Mohsen Rezaian: Studying the effect of wild pistachio powder consumption on some blood biochemical factors in hyperlipidemic individuals: A double-blind clinical trial study. The first national conference "Pistachios and Health" "Healthy Pistachios" 15-16 September 2015 Rafsanjan, Iran. Published on page 16- Abstract booklet.
- 74- Mehdi Mahmoudi, Hadith Ahmadi-Rad, Farzaneh Hosseini, Mohammad Reza Hajizadeh, Alireza Khoshdel, Mohammad Reza Mirzaei: The effect of wild pistachio powder consumption on a number of blood biochemical metabolites in hyperlipidemic individuals: a double-blind clinical trial study. The 14th Congress of Biochemistry of the Islamic Republic of Iran, Tehran, Shahid Beheshti Scientific Center, August 16-18, 2016.
- 75- Farzaneh Sadat Hosseini, Shirin Fattahpour, Mohammad Reza Hajizadeh, Alireza Khoshdel, Mohammad Reza Mirzaei, Mehdi Mahmoudi (responsible): Effect of hydroalcoholic extract of Persian shallot (*Allium hirtifolium*) on the saccharification reaction of albumin. 14th Congress of Biochemistry of the Islamic Republic of Iran, Tehran, Shahid Beheshti Institute of Biochemistry, August 16-18, 2016.
- 76- Farzaneh Sadat Hosseini, Soudeh Khanamani Falahati-pour, Mohammad Reza Hajizadeh, Mehdi Mahmoudi : Persian shallot, *Allium hirtifolium* Boiss, induced apoptosis in human hepatocellular carcinoma cells. 6th National Congress on Medicinal Plants 9, 10 May 2017 Tehran.

Attending Congresses and Workshops:

1. "National Conference on Achievements and challenges of Medical Journal in Iran" on 26/01/2006; and "The Third Conference on Medical Journals in the Eastern Mediterranean region" from January 27 to 29, 2006. Shiraz, Iran.
2. "National Workshop on Research Management" organized by: Deputy for Researches and Technology, Ministry of Health and Medical Education., 9-10 November, 2006, Tehran ,Iran.
3. "Workshop on ethics in Research", Organized by: Vice Chancellor for Research, University of Medical Sciences., 1-2 Nov. 2006, Kerman, Iran.
4. "Workshop on Scientific Writing" Organized by: Vice Chancellor for Research, University of Medical Sciences, November 2006, Rafsanjan, Iran.
5. "Workshop on EvidenceBased Medicine (EMB)" Organized by: Vice Chancellor for Research, University of Medical Sciences, December 2006, Rafsanjan, Iran.
6. "Workshop on promotion in Psychological Health of University in Education Program " Organized by: Deputy for Education and Student Affairs, Ministry of Health and Medical Education., February 13, 2007, Tehran, Iran.
7. "National Workshop on Editing Medical Journals" organized by: Deputy for Researches and Technology, Ministry of Health and Medical Education and World Health Organization Representative Office in Iran., from 4 to 6 March, 2007, Tehran,

Iran.

- 8- "Conference in Novels of Genetic" organized by: Vice Chancellor for Education, Shahid Beheshti University of Medical Sciences, Tehran, Iran. 8-10 February 2003.

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. From 1381 to 1382.
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.
- 7- Study of the Effect of Calcium Channel Blockers on the Rheumatoid Arthritis Indices Induced by Complete Freund's Adjuvant (CFA) in Rat Knee; 2003.
- 8- Study of the Effects of Nifedipine and Verapamil on Cardiovascular disorder in Experimental Diabetes Induced by Streptozotocin in Rats. 2001-2002; (Co-Worker).
- 9- The Survey of the Role of Hypothalamus-Pituitary-Adrenal Axis on the Anti-inflammatory Effects of Calcium Channel Blockers in Rat; 2000-2001; (Co-Worker).
- 10- The Survey of the Role of Hypothalamus-Pituitary-Adrenal Axis on the Anti-inflammatory Effects of Calmodulin Antagonists in Rat; 2001-2002; (Co-Worker).
- 11- Evaluation of Fragile X Syndrome in Patients with Moderate Mental Retardation in Rafsanjan City (Zohreh Shamsai, Special School), By Cytogenetic Methods., 2001-2002; (Co-Worker).
- 12- Separation and Purification of Immunoglobulin Y (IgY) for Anti-Proteinase 3 (PR3) from the Egg Yolk., 2002-2003; (Co-Worker).
- 13- Evaluation of the antibacterial effects of aqueous garlic extracts on some agents of human bacterial skin infections *in vitro*. 2004.
- 14- Study of The Effect of Raw Garlic on The Serum Levels of a Number of Hormones Effective in Sugar and Lipid Metabolism In Hyperglycemic and/or hyperlipidemic Individuals. 2003-2004.
- 15- The Effect of Opium Addiction on a Number of Blood Biochemical Factors and Hormones in Pacreatomised Rats., 2004; (Co-Worker).
- 16- Measurement of Serum Ferritin in Women of Type II Diabetic Patients Refer to Specialized Clinic in Aliibne Abitaleb Hospital in Rafsanjan City, 2004; (Co-Worker).
- 17- Determine the Pattern of Anti-Biotic Sensitivity and Resistance of E-Coli Extracted from Urine Infection Referred to Rafsanjan University of Medical Sciences Laboratories From 1999 to 2004., 2004; ; (Co-Worker).
- 18- Study of the Effect of Opium Addiction on Blood Sugar and Lipids in NIDDM Rats., 2005; ; (Co-Worker).

- 19- Study of the Effects of Opium and It's Derivatives Withdrawal on a Number of Blood and Urine Biochemical Factors in Dependent Individuals Referred to RUMS Self-Introduced Center., 2006-2007. Started from: May 2006. Duration: 12 months Finished: May 2007.
- 20- Evaluation of the Effects of Unripened Momordica Charantia Fruit on Some blood Biochemical Parameters in Rat., 2006. Finished: October 2006.
- 21- Study of the effects of vinegar on some of Biochemical parameters in type II Diabetic individuals., start from: June 2007. Duration: 15 months Finished: 5/12/2008
- 22- The Study of effects of Morus alba leaf on lipids and glucose in hyperlipidemia or hyperglycemia patients in contrast control group. Started from: 23 Oct. 2007. Duration: 15 months Finished: 12/03/2009.
- 23- Study of the Effect of Opium Addiction on CBC and TGF-B in male and female Rats with type I diabetes induced by Streptozotocin (STZ) ., (Co-Worker). Started from: 5 June. 2007. Duration: 9 months Finished:.
- 24- Study of the Effect of Opium Addiction on Electrolytes, Thyroid Hormones, 17-Hydroxy Progesterone, Testosterone and DHEA-s, in male and female Rats with type I diabetes induced by Streptozotocin (STZ) ., (Co-Worker). Started from: 5 June. 2007. Duration: 9 months Finished:.
- 25- Study of the Effect of Opium Addiction on Blood Biochemical Factors in male and female Rats with type I diabetes induced by Streptozotocin (STZ) ., (Co-Worker). Started from: 5 June. 2007. Duration: 9 months Finished:.
- 26- The survey of gene mutations in P₅₃-BRCA1 and BRCA2 genes in patients with malignant breast cancer with PCR-SSCP method. (Co-Worker). Started from: 22 May. 2007. Duration: 12 months Finished:.
- 27- A survey on the articles selection and publication process of the Scientific Journal of Rafsanjan University of Medical Sciences during 2001-2006. Started from: 20 June. 2007. Duration: 9 months Finished
- 28- Evaluation of probably mutation in "S" gene of Hepatitis B virus producing occult HBV infection in HBsAg negative donors refer to Rafsanjan Blood Transfusion Organization., Designer: Mohammad Kazemi Arababadi., (**Co-Worker**). Started from: 6 Feb. 2007. Finished:13 Dec. 2007.
- 29- Study of the effects of Citrullus Colocynthis fruit on some of the Blood Biochemical Factors in normal and diabetic male rats., Started from: 21 Oct. 2008. Finished:
- 30- Study of the effects of Citrullus Colocynthis fruit on Histology alterations in normal and diabetic male rats., Started from: 21 Oct. 2008. Finished:
- 31- A survey on the frequency of functional polymorphisms in SDF-1 α and IP-10 chemokines genes in occult HBV infection, chronic HBV infection and healthy control., (**CoWorker**)., Started from: . Finished:
- 32- Evaluation of relation between Δ 32 mutations in CCR5 gene and production of inflammatory complications in diabetic type 2 patients (**CoWorker**)., Started from: . Finished:
- 33- A survey on the frequency of Δ 32 mutations in CCR5 gene in asthmatic patients., (**CoWorker**)., Started from: . Finished:
- 34- Evaluation of relation between serum level and genetical diversity of IL10 and IL12 in type 2 diabetic patients: Executors: Dr. Mehdi Mahmoodi, Dr. Mohammad Kazemi Arababadi, Miss. Narges Yaghini, Ref No: 9/20/409, Date of approval: 17/11/2009 (26/8/1388), starting date: 22/11/2009 (1/9/1388), Duration: 14 Months.
- 35- The prevalence of vitamin D deficiency among secondary and high school girls in Rafsanjan during of winter of 1388 (2010), Executor: Dr. Gholamreza Asadikaram, Duration: 11 Months, (Coworker).
- 36- The evaluation of different concentration of opium on apoptosis and some secretory cytokines in Murine Macrophage cell

- line (j774.1 A cell), Executor: Dr. Gholamreza Asadikaram, Duration: 12 Months, (Coworker).
- 37- The evaluation of different concentration of opium on apoptosis and TGF- β in Murine Macrophage cell line (j774.1 A cell. Executor: Dr. Gholamreza Asadikaram, Duration: 12 Months, (Coworker).
- 38- Evaluation of post-transfusion Hepatitis G in transfusion dependent patients of Kerman province of Iran., Executors: Dr. Ghloamhosein Hassanshahi, Dr. Reza Vazirinejad, (Coworker).
- 39- Study of the effects of walnut leaf on the levels of a number of Blood Biochemical Factors in normal male rats fed with high cholesterol diet.: Executors: Dr. Mehdi Mahmoodi, Miss. Hadis Eghbali, Mr. Vahid Pooladvand. Ref No: 9/20/213., Date of approval: 4/5/2010 (14/2/1389), starting date: 20/5/2010 (30/2/1389), Duration: 12 Months.
- 40- Evaluation of the effects of Semelil (ANGIPARS) on biochemical and hematological parameters involved in wound healing and angiogenesis of chronic diabetic rats: Executors: Dr. Mohammad Mohsen Taqavi, Dr. Ghloamhosein Hassanshahi (Coworker): (8 persons) confirmed by Faculty of Medicine 28/06/1389 Duration: 19 Months.
- 41- Survey the Satisfaction of the Individuals Who Refer to Rafsanjan Governmental Clinical Diagnostic Laboratories in the Year 2010-2011. Executors: Dr. Mehdi Mahmoodi, Mr. Vahid Tavakolian, Miss Fatemeh Arab Baniasad, Dr. Mohammad Asadpoor. Ref No: 9/20/530., Date of approval: 15/06/2010 (25/03/1389), starting date: 07/09/2010 (15/06/1389), Duration: 9 Months. Final Report: October 2011.
- 42- The evaluation of leukocytes apoptosis and bax levels in opium addicts and non-addicts, and the effects of different concentration of opium on apoptosis and bax levels of leukocytes of opium addicts and non-addicts in invitro. Executor: Dr. Gholamreza Asadikaram, Duration: 24 Months, (Coworker).
- 43- Comparative study of the expression pattern of Heme Oxygenase-1 (HO-1) gene in different cancer cell lines., Conductors: 1- Gholamhossein Hassan Shahi 2- Reza Vazirinejad 3- Mehdi Mahmoudi 4- Abdullah Jafarzadeh 5- Seyed Hossein Abdolhai, Approval number: 1312/20/9 Approval date: 09/12/1388. Implementation period: 12 months. Start date: 14/01/89.

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 MD thesis In Rafsanjan Faculty of Medicine, entitled: Evaluation of the antibacterial effects of aqueous garlic extracts on some agents of human bacterial skin infections in *vitro*. Prepared by Jamileh Tahernejad, Mehr 1383 (October 2004). Thesis No:
- 5- Supervisor of MD thesis In Rafsanjan Faculty of Medicine, entitled: Study of The Effect of Raw Garlic on The Serum Levels

of a Number of Hormones Effective in Sugar and Lipid Metabolism In Hyperglycemic and/or hyperlipidemic Individuals. Prepared by Mohammad Ali Toghroli, Spring 1384 (Spring 2005). Thesis No:.

6. Supervisor of MD thesis In Rafsanjan Faculty of Medicine, entitled: Study of The Effect of Raw Garlic on Blood Biochemical Factors In Hyperglycemic and Hypercholesterolemic Individuals. Prepared by Robabeh Hosseini Sadat, Sharivar 1384 (September 2005). Thesis No:.
7. Supervisor of DDS Thesis in Rafsanjan Faculty of Dentistry, 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
8. Supervisor of MSc Thesis in Clinical Biochemistry (MSc Student), Entitled: Study of the effects of Citrullus Colocynthis fruit on some of the Blood Biochemical Factors and Histology alterations in normal and diabetic male rats., Started from: 21 Oct. 2008. . Prepared by Vahid Pooladvand, Consulted by Dr. MohammadMohsen Taqavi and Dr. Gholamreza Asadikaram. Finished on: 28th Oct. 2009, (6/8/88).
9. Supervisor of MD thesis In Rafsanjan Faculty of Medicine, entitled: Study of the effects of vinegar on some of Biochemical parameters in type II Diabetic individuals. Start from: June 2007. Prepared by MahboobehSadat Modarresi, Thesis No: 54. Summer 2009.

Consult the Theses as Consultant:

1. Consultant of MSc Thesis in Physiology, Entitled: The Role of Hypothalamus-Pituitary-Adrenal Axis on the Anti-inflammatory Effects of Calcium Channel Blockers in Rat. Prepared by Saeed Esmaili Mahani, Supervised by Dr. Mohammad Khaksari. Khordad 1380 (June, 2001).
2. Consultant of MD thesis In Rafsanjan Faculty of Medicine, entitled: The effect of Copper, Molybdenium, 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 (Summer 2003).
3. Consultant of MD thesis In Rafsanjan Faculty of Medicine, entitled: The effect of Copper, Molybdenium, 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.
4. Consultant of MSc Thesis in Clinical Biochemistry (MSc Student), Entitled: The effect of opium addiction on the brain, liver and lymphocyte apoptosis in STZ induced type 1 diabetic male and female rats. Prepared by Majid Asiabanha rezai, Supervised by Dr. Gholamreza Asadikaram. Bahman 1387 (28 January, 2009).
5. Consultant of MD thesis In Rafsanjan Faculty of Medicine, entitled: Blood Testosterone Level in Male Irritable Bowel Syndrome. Prepared by: Mehdi Montazari., Supervised by: Dr. Seyed Mehdi Seyed Mirzai. Date:22/6/1389.....

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. J.V. Gardiner, **M. Mahmoodi**, 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. **M. Mahmoodi**, M. Khaksari, G.R. Bazmandegan, M.A. Sajjadi, and G.R. Asadi Karam: 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- G.R. Asadi Karam, F. Aminzadeh, M. Shykhfatollahee, N. Masoudpour, **M. Mahmoodi**, and M. Khaksari: 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- **Mehdi Mahmoodi**, 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- **Mehdi Mahmoodi**, James V. Gardiner, Mohammed 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- Gholamreza Asadi Karam, Mostafa Reisi, Ali Alizadeh Kaseb, Mohammad Khaksari, Abbas

- Mohammadi, **Mehdi Mahmoodi**. Effects of Opium Addiction on Some Factors in Addicts With Non-Insulin-Dependent Diabetes Mellitus (NIDDM). *Addiction Biology*, 2004; 9:51-6.
- 12- M Khaksari, S Esmaili Mahani, **M Mahmoodi**: 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- GR Asadi Karam, MR Mirzaee, **M Mahmoodi**, MJ Rasaee, M Pouramir: Extraction and purification of anti-proteinase 3 (PR3)antibodies from egg yolk. *Iranian Biomedical Journal*, 2005; 9(1): 41-45.
- 14- Gholamreza Asadi Karam, Mohammad Javad Rasaee, **Mehdi Mahmoodi**, Mohammad Khaksari: 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- Mohammad Khaksari, **Mehdi Mahmoodi** Mohammad E Rezvani, Mohammad A Sajjadi, Gholamreza Asadi Karam, Sohrab Hajizadeh: 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- **M. Mahmoodi**, J.V. Gardiner, G.R. Asadi Karam, M. Khaksari, K.G. Murphy, M.A. Ghatei, S.R. Bloom: 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.
- 18- M Khaksari, **M Mahmoodi**, K Shafiee, GR Asadi Karam: Ascorbic Acid Improves Vascular Permeability in Experimental-Induced Diabetic Diabetic Rats. *Iranian Journal of Medical Sciences*, 2005; 30(3): 128-133.
- 19- **Mehdi Mahmoodi**, Mohammadreza Hajizadeh, Hamidreza Rashidinejad, Gholamreza Asadikaram, Mohammad Khaksari, Mohammadreza Mizae, Naser Seyedi, Amir Rahnema, Ahmadreza Sayadi: 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.
- 20- **Mahmoodi M.** Islami MR., Asadikaram GR., Khaksari M., Sahebghadam Lotfi A., Hajizadeh MR., Mizae MR: Study of the Effects of Raw Garlic Consumption on the Level of Lipids and Other Blood Biochemical Factors in Hyperlipidemic Individuals. *Pak J Pharm Sci*. Oct 2006; 19(4): 295-8.

- 21- Khaksari M, Shamsizadeh A, Azarang A, **Mahmoodi M**: W-7 (a calmodulin antagonist) inhibits carrageenan-induced paw edema in intact and adrenalectomized rats. *Pak J Pharm Sci*. Jul 2007; 20(3): 195-9.
- 22- Asadikaram GR., Rashidinejad HR., Aghae MM., Ahmadi J., Rahmani MR., **Mahmoodi M**, Azin H., Mirzaee MR., Khaksari M: Opium Can Differently Alter Blood Glucose, Sodium and Potassium In Male and Female Rats., *Pak J Pharm Sci*. April 2008; 21(2): 193-7.
- 23- Mohammad Kazemi Arababadi Gholamhossein Hassanshahi Hassan Yousefi Ebrahim Rezazadeh Zarandi Mohammad Moradi **Mahdi Mahmoodi**: No Detected Hepatitis B Virus-DNA in Thalassaemic Patients Infected by Hepatitis C Virus in Kerman Province of Iran., *Pakistan Journal of Biological Sciences*., 2008; 11(13):1738-1741.
- 24- G.R. Asadi karam, Z. Salem, S. Nakhlestanei, M. Sirati Sabet, **M. Mahmoodi**, A. Rezaee and H.R. Alavi: Biochemical Compounds and Nutritional Roles of the Foods Explained in the Qur'an., *Pakistan Journal of Nutrition*., 8 (1): 13-19, 2009.
- 25- **Mehdi Mahmoodi**, Mohammad Khaksari Hadad, Ali Shamsizadeh, Afrooz Azarang, Reza Abbasi Rayeni: Effect of trifluoperazine on carrageenan-induced acute inflammation in intact and adrenalectomized rats., *Int J Physiol Pathophysiol Pharmacol* 2009; 1(2):150-153
- 26- Mohammad Kazemi Arababadi, Nima Naghavi, Gholamhossein Hassanshahi, **Mehdi Mahmoodi**: Is CCR5-Δ32 mutation associated with diabetic nephropathy in type 2 diabetes?, Letter to the Editor., *Annals of Saudi Medicine*, September-October 2009; 29(5): 413.
- 27- Gholamhossein Hassanshahi, Mohammad Ebrahim Rezvani, Mohammad Kazemi Arababadi, Ali Shamsizadeh, **Mehdi Mahmoodi**, Alan James Dickson: Expression of regulated oncogen-alpha by primary hepatocytes following isolation and heat shock stimulation., *Iranian Journal of Biotechnology (IBJ)*, January 2009; 7(1): 1-9.
- 28- Nader Shahrokhi, Mohammad Khaksari, Zahra Soltani, **Mehdi Mahmoodi**, and Nouzar Nakhaee: Effect of sex steroid hormones on brain edema, intracranial pressure, and neurologic outcomes after traumatic brain injury., *Can. J. Physiol. Pharmacol.* **88**(4): 414–421 (2010).
- 29- [Nosratabadi R](#), [Arababadi MK](#), [Salehabad VA](#), [Shamsizadeh A](#), [Mahmoodi M](#), [Sayadi AR](#), [Kennedy D](#): Polymorphisms within exon 9 but not intron 8 of the vitamin D receptor are associated with the nephropathic complication of type-2 diabetes. *Int J Immunogenet.* 2010; 37: 1-5.
- 30- Narges Yaghini, **Mehdi Mahmoodi**, Gholamreza Asadikaram, Gholamhossein hassanshahi, Hossein Khoramdelazad, Mohammad Kazemi Arababadi: Serum levels of Interleukin 10 (IL-10) in patients with type 2 diabetes. Letter to Editor, *Iranian Red crescent Medical Journal* 2011; 13(10): 751-2.
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Preparation of laboratory work schedule:

- 1- General biochemistry laboratory work schedule for students majoring in laboratory sciences. Prepared by: Dr. Mehdi Mahmoudi, Dr. Gholamreza Asadi Karam. February 2000.
- 2- General chemistry laboratory work schedule for students majoring in laboratory sciences. Prepared by: Dr. Mehdi Mahmoudi, Dr. Gholamreza Asadi Karam. February 2000.
- 3- General Biochemistry Laboratory Workbook for Nursing and Midwifery Students. Prepared by: Dr. Mehdi Mahmoudi, Dr. Gholamreza Asadi Karam. October 2001.
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