

Curriculum Vita

Personal number	Javad Mohiti Ardakani
Date & place of birth	23 March 1958 in Ardakan
Nationality	Iranian
Marital Status	Married
Address	Dept. of Biochemistry, Faculty of Medicine Shahid Sadoughi university of Medical Science Yazd, IRAN
E-: mail	mohiti_99@yahoo.com
Tel : Office	+98 3518241751
Tel: home	+98 3518226128

Education

Ph.D : 1993-1997 (Department of Biochemistry and Molecular Biology, University of Leeds, UK)

Subject: Studies on the annexins (Calcium phospholipid-binding protein) in human osteosarcoma cell line MG-63

Fields o Skill: Protein Purification, protein Biochemistry, antibody methods, Fluorescence microscopy, confocal microscopy, cell culture
Lecturer in the Yazd Medical University
Fields of skill: Theoretical and practical teaching of Biochemistry.

Msc.in clinical 1987-1990

Biochemistry (University of Tarbiya Moareshm Tehran) 1987-1999

Fields of skill: Courses of Biochemistry, Immunology, Hematology, Physiology, Cellular and Molecular Biology.

Practical work: Enzyme Purification, PCR, Radioimmunoassay, Cloning

BSc: In chemistry (the university of Esfahan)

Fields of skill: Training course in inorganic-chemistry, mineral –chemistry, biophysical-chemistry, Physical-chemistry, Nutrient-chemistry
A levels (Sharaf high school)

POSITIONS

1983-1988: Research Assistant. Amam Hossain University, Tehran.

- 1989-1992** :lecturer. Dept. of biochemistry, faculty of Medicine, Shhid Sadoughi Univeversity of Medical science, Yazd, IRAN
- 1997-2004** Assistant professor. Dept. of biochemistry, faculty of Medicine, Shhid Sadoughi Univeversity of Medical science, Yazd, IRAN
- 2004-2009:** Associated professor. Dept. of biochemistry, faculty of Medicine, Shhid Sadoughi Univeversity of Medical science, Yazd, IRAN.

SOCIETY/RESEARCH CENTER MEMBERSHIPS

- 2008-present: Head of Biochemistry Dept. Faculty of Medicine,
 2005-present: Member of Trace Element council of Iranian society
 2005-2008. Membership of research center of faculty of medicine
 1998-present: Membership of Yazd diabetes research center,
 1998-present. Membership of Iranian biochemistry society

TEACHING

- 1997-present. General biochemistry(Medical, dental students,)** , faculty of Medicine, Yazd University of Medical science, Yazd
- 2002-present, hormone(Medical, dental and MS.c students)**, faculty of Medicine, Yazd University of Medical science, Yazd

International Publications

- 1-Mohiti L, Caswell AM and Walker JH. Calcium-induced relocation of annexins IV and V in the human osteosarcoma cell line MG-63. *Mol Membr Biol.* 1995 Oct-Dec;12(4):321-9. PMID: 8747277 [PubMed - indexed for MEDLINE]
- 2-Mohiti J , Walker JH and Caswell AM. Studies on annexins in primary cultures of human osteoblasts and the human osteosarcoma cell line MG-63 *Biochem Soc Trans.* 1995 Feb;23(1):36S. No abstract available
 PMID: 7758747 [PubMed - indexed for MEDLI]
- 3-Caswel AM, Mohiti Jand Walker JH. Nuclear annexin V expression and bone cell proliferation. *Biochem Soc Trans.* 1997 Nov;25(4):S582. No abstract available. PMID: 9450010 [PubMed - indexed for MEDLINE]
- 4-Mohiti L, Caswell AM and Walker JH. The nuclear location of annexin V in the human osteosarcoma cell line MG-63 depends on serum factors and tyrosine kinase signaling pathways. *Exp Cell Res.* 1997 Jul 10;234(1):98-104. PMID: 9223374 [PubMed - indexed for MEDLINE]
- 5- Javad mohiti an nour mohammadi. *Biochemical Educatin in Iran. Biochemical Education*, 1999, 27, 204-206.

- 6- Javad Mohiti ardakani, John Walke and Durdi qujeq. Serum factors induced the nuclear location of annexin V in the human osteosarcoma cell line. *Iranian Biomedical Journal*. 2000, 4(14) 117-122.
- 7-Qujeq D and Mohiti, J. Decreased anion gap in polyclonal hypergammaglobulinemia. *Clin Biochem*. 2002 Feb;35(1):73-5. PMID: 11937082 [PubMed - indexed for MEDLINE-]
- 8- Durdi Qujeq, Javad Mohiti. Effect of Ramadan fasting on serum low density and high density lipoprotein-cholesterol concentrations. *Annals of Saudi Medicine*. 2002, 22, 5-6
- 9-Javad Mohiti, Mostafah Behjati, Mohammad H, Soltani and Ali Babaei. The significance of Troponin T and CK-MB release in coronary artery bypass surgery. *Indian Journal of Clinical Biochemistry*, 2004, 19(1) 113-117.
- 10- Babaei, A. and Mohiti, J, Comparison of the inhibitory effect of ATP-dependent K⁺ channel blockers glibenclamide and chlorpropamide, on diazoxide-induced relaxation of rat ileum. *Indian Journal of Pharmacology* 2004, 36(2):84-86.
- 11-Afghami M. Mohiti, J. Sedghi. H. Effect of fluoxetine on weight reduction in obese patients. *Indian Journal of Clinical Biochemistry*. 2004.
12. Amopour H. Khalili M, Mohiti, J. Rate of cumulus cell apoptosis from fertilized and unfertilized oocytes and acid phosphatase levels in follicular fluids after intracytoplasmic sperm injection. *Iranian Biomedical Journal*. 2005. 9, 163-167.
- 13-Mohiti J, Afghami, M, Babaei A. Relation between leptin and insulin in patients with type 2 diabetes Mellitus. *Int. J. Endocrinology metabolism*. 2005, 3, 121-125.
14. Mohiti J Afghami M. Investigation of blood leptin levels before and after treatment with metformin in type 2 diabetes. *Iranian J. of Biochemistry and Molecular Biology*. 2005, vol. 1 23-25
- 15- Mohiti Ardekani, Mahdavi M. Determining the percentage of blood free leptin hormone in diabetic patients after treatment with Metformin. (*Iranian Journal of Basic Medical Science*, Vol. 11, No, 2, 2008)
- 16- Mohiti Ardekani J. Afghami M. circulation free leptin in diabetic patients and its correlation to insulin level (*Pakistan Journal of Biological science*, Vol.12.397-400,2009.)
17. Relationships between free leptin and insulin resistance in women with polycystic ovary syndrome (*Iranian Journal of Reproductive Medicine* Vol.7. No.2. pp: 53-58, Spring 2009)
18. Javad Mohiti-Ardekani, Fria Talebi, Mohammad Afkhami-Ardekani. Percentage of Free to Total Leptin in Diabetic Patients and its Correlation to Blood Insulin, Glucose and Lipids. *IRANIAN JOURNAL OF DIABETES AND OBESITY*, VOLUME 1, NUMBER 1, AUTUMN 2009

Farsi Publications:

- 1: Mohiti-Ardekani, J, Afghami, M. Comparison of blood leptin level in obese diabetes and non-obese diabetes patients. *The Journal of Yazd University of medical science*, 12(2), 2003,
- 2- Mohiti-Ardekani, J, Afghami, M. characteristic and location of Annexin IV, V in Osteosarcoma cell line, *The Journal of Yazd University of medical science*, 9(4), 1999,
- 3- Mohiti-Ardekani, J, Afghami, M. Blood leptin level before and after treatment with metformin in diabetic patients. *The Journal of Yazd University of medical science*, 13(1), 2004,

4. Mohiti-Ardekani J, and Didehdar, A. Metformin induce change the relationship between leptin and insulin in diabetic patient., Mazandaran J, of Medical science, 17(3)2005.
5. Mohiti-Ardekani J, Review of Leptin, Diagnosis and Lab. J. 1(2).2006
6. Mohiti-Ardekani J, Tarof N. Determination of blood leptin in PCOS patients and its correlation to LH/FSH(journal of shahid sadoughi university of medical sciences,vol 17,No.5).
7. Naghiaee Y, Mohiti Ardakani J, Mozaffari-Khosravi H. Relation between ghrelin hormone levels and bone mineral density in normal adults. J Shahid Sadoughi Univ Med Sci 2011; 19(3):369-76.
8. Mohiti- Ardekani J, Akbarian Z, Nazarian A. Effects of Cumin(cuminum cyminum l) oil on serum glucose and lipid levels of rats. J Shahid Sadoughi Univ Med Sci 2011; 19(3): 387-97.

RESEARCH INTERESTS

My current research focuses on the relationship between leptin and Insulin in human and cell culture. I have been using cell culture and diabetic patients to examine the effect of leptin on insulin secretion and reverse.

I am also interested in the effect of Cinammond on expression of GLUT-4 in C2C12 cell line in cell culture

Books:

1-Biology and measurement of hormone. 1384, Publisher; Shhid Sadougfhi university of Medical science

Work Experience:

► Primary human cell culture and human transformed cell.

International attending congress.

- 1- 62 nd International World congress of IUPAC. 31 August- 5 September 2002, NICE
- 2- 9th Asian Pacific congress of clinical biochemistry, 11-16 Nov. 2001, New Delhi
- 3- 15th IFSCC European congress of clinical chemistry and laboratory medicine, 1-5 June Barcelona, 2003.
- 4- 4th World congress of cellular and Molecular Biology, October 7-12 2005, Poitiers
- 5- 1st international conference on critical care medicine, 6-10 March 2005, Riyadh
- 7- 9th Iranian congress of Biochemistry and The 2nd international congress of Molecular biology, October 29-1 Nov. 2007
- 8- First Congress of Terace Element, 20- 21 Aban. Tehran 1385
- 9- 18th Iranian congress of Physiology and pharmacology 26-30 August 2007 Mashhad
- 10- National congress on Improving Clinical laboratory 14-16 day 1385
- 11- III international congress of Molecular Medicine , 3-8, May 2009. Istanbul Turkey- Oral