

In the name of Allah

CV

(From 1995 to 2012)

Name	Samad Akbarzadeh
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E-mail	Smdakbarzadeh@yahoo.com
Nationality	Iranian
Date of birth	25,03,1965
Marital status	Married
Education qualifications	Ph.D in Medical Biochemistry Isfahan University of Medical Sciences, Faculty of Pharmacy, Isfahan-Iran M.Sc in Medical Biochemistry Isfahan University of Medical Sciences, Faculty of Pharmacy, Isfahan-Iran B.Sc in Biology Orumiye University of Biological Sciences Uromiye-Iran
Employment to date	1995-present day, Bushehr University of Medical Sciences, Lecturer 2008-Present day, Bushehr University of Medical Sciences, Registrar
Skills	1-Flame photometer 2-Atomic absorption spectrophotometry 3-Chromatography 4-Electrophoresis 5-Sodium-lithium countertransport (SLC) activity analysis 6-Lipid extraction technique and lipoprotein lipase measurement 7-Blood drawing and injecting rats and rabbits
Interests	Reading, Research, Football
Encl	Articles, Lecturer and Posters, Occupation Experience, Workshop Attendance, Membership, Awards

Articles

- 1-Ani A, Moshtaghie A.A, Akbarzadeh S, *Changes in Biochemical Parameters Related to Lipid Metabolism Following Lithium Treatment in Rat*. Iranian Biomedical Journal (2005), 9(1): 27-32.
- 2-Ani A, Moshtaghie A.A, Akbarzadeh S, *Changes in Sodium-Lithium Countertransport Activity Following Aluminium Treatment*. Pakistan Journal of Biological Sciences (2006), 9(10): 1950-1954.
- 3-Ani A, Moshtaghie A.A , Akbarzadeh S , *Effects of Lead on Red Blood Cell Sodium-Lithium Countertransport and Induction of Hypertension*. Journal of Cell and Tissue Research (2007), 7(1): 981-985.
- 4- Akbarzadeh S, Ani A, Moshtaghie A.A, Movahed A, *Changes in Erythrocyte Sodium-Lithium Countertransport and Plasma Parameters Following Selenium Treatment*. Journal of Biological Sciences (2008), 8(1): 166-170.
- 5-Akbarzadeh S, Ani M, Moshtaghie A.A, *Effects of Lithium on Metabolism of Lipid in Rat*. Iranian South Medical journal (1999), 2(2): 80-86.
- 6-Akbarzadeh S, Pourebrahim R, Karimi F, Mahbobnia M, Gholamzadeh F, Rohei L, *Cholesterol and Lipoproteins Concentrations of Bushehr Port School Childern, 1999*. Iranian South Medical journal (2000), 3(1): 29-33.
- 7- Karimi F, Rayani M, Akbarzadeh S, Khakzad R, Tahmasebi R, Arab J, Rastegarpour M, Siaki F, Moseni M.R, Arjomandfar Y, *Prevalence of Hyperlipidemias in Adult Population (>19 years) of Bushehr Port, 1999*. Iranian South Medical journal (2000), 3(2): 98-106.
- 8- Akbarzadeh S, Ani M, Movahed A, *Changes in Plasma Biochemical Parameters Following Lead and Aluminium Treatment in Rabbit*. Journal of South Medicine (2008), 1:8-14.
- 9- Akbarzadeh S , Ani A , Moshtaghie A.A , Movahed A ,Shahnoosh Foroshani A.R,*Effects of Magnesium on Erythrocyte Sodium-Lithium Countertransport Activity and Plasma Biochemical Parameters in Rabbits*, Journal of South Medicine (2008), 2:116-122.
- 10- Akbarzadeh S, *Treatment Qualities of Lithium*. Scientist (1997), 405:44.
- 11-Assadi M,Salimipour H,Nabipour I,Akbarzadeh S,Nemati Z,Javadi H,Nemati R,Seyedabadi M,Abbaszadeh M,Assadi M.*Prediction of bone loss usig biochemical markers of bone remodeling in patients with multiple scleriosis*.Iranian journal of nuclear medicine.2010;18:99.Abstract
- 12-Movahed A,Mohammadi MM, Akbarzadeh S ,Nabipour I,Ramezani N,Hajian N.,*The heart of date palm: its nutritional and functional constituents*, Journal of South Medicine (2011), 2:100-105.

- 13-Assadi M,Salimpour H,**Akbarzadeh S**,Samani Z,Nemati R,Jafari S,Seyedabadi M,Abbaszadeh M,Sangideh Z,Nabipour I.Correlation of circulating omentin-1 with bone mineral density in multiple sclerosis: the crosstalk between bone and adipose tissue.PLOS ONE.2011;6(9):1-6.
- 14-**Akbarzadeh S**,Nabipour I,Jaffari SM,Motamed N,Movahed A,Mirzaei M,Rahbar AR.Relationship among sera lipoprotein abnormalities in healthy individuals with background of diabetic sibling. African Journal of Biotechnology.2011; 10(48):9904-9907.
- 15-Barmak A,Hajeb, P,Rezaee Y,**Akbarzadeh S**,Mohebbi GH.Oxidative stability of Edible oils imported to Iran.American Eurasian J Agric and Environ Sci (AEJAES).2011;11(1):34-37.
- 16-**Akbarzadeh S**, Nabipour I, Jafari SM, Movahed A, Motamed N, Assadi M, HaJian N.Serum visfatin and vaspin levels in normoglycemic first –degree relatives of Iranian patients with type 2 diabetes mellitus. Diabetes Research and Clinical Practice.2012; 95:132-138.
- 17- Ali Movahed, Dariush Iranpour, Iraj Nabipour, Mojtaba Jafari, **Samad Akbarzadeh**, Majid Assadi, Kamran Mirzaei, Najmeh Hagian. Plasma *malondialdehyde*, bilirubin, homocysteine and total antioxidant capacity in patients with angiographically defined coronary artery disease. African Journal of Biotechnology, 2012; 11(13):3187-3191.
- 18- **Samad Akbarzadeh** , Soghra Ghasemi, Mohammadreza Kalantarhormozi, Iraj Nabipour, Fateme Abbasi, Alnaz Aminfar, Seyed Mojtaba Jafari, Niloofar Motamed, Ali Movahed, Mostafa Mirzaei, Ali Reza Rahbar. Relationship among plasma adipokines, insulin and androgens level as well as biochemical glycemc and lipidemic markers with incidence of PCOS in women with normal BMI. Gynecological Endocrinology.2012; 28(7): 521–524.
- 19- **Samad Akbarzadeh**, Majid Assadi, Ali Movahed, Seyed Mojtaba Jafari, Niloofar Motamed, Habibollah Nazem, Afshar Bargahi, Mehrnoosh Haraghy, Abdolreza Pourbehi, Najmeh Hajian. The normoglycemic first-degree relatives of patients with type 2 diabetes mellitus have low circulating omentin-1 and adiponectin levels. Cytokine.2012; 58:295-299.
- 20-Mohammadi M, Mohebbi GH, **Akbarzadeh S**,Shojaee I.Detection of Aspergillus spp.and determination of the levels of aflatoxin B1 in rice imported to Bushehr,Iran. African Journal of Biotechnology, 2012; 11(38):9230-9234.
- 21-**Samad Akbarzadeh**, Parviz Bazzi, Adel Daneshi, Iraj Nabipour, Khalil Pourkhalili, Gholamhossein Mohebbi, Khozad Sartavi, Mohammadreza Abdi, Mostafa Mirzaei, Afshar Bargahi. Anti-diabetic effect of *Otostegia persica* extract on diabetic rats.Journal of Medicinal Plants Research.2012; 6(16):3176-3180.
- 22- Khalil Pourkhalili1,*, Sohrab Hajizadeh2, Zahra Akbari1, Mansour Esmaili Dehaj3,

Samad Akbarzadeh⁴, Alimohammad Alizadeh⁵. Hyperoxic preconditioning fails to confer additional protection against ischemia-reperfusion injury in acute diabetic rat heart. *EXCLI Journal* 2012; 11:263-273.

23-Ali Movahed, Bagher Larijani, Iraj Nabipour, Mohammadreza Kalantarhormozi, Kamyar Asadipooya, Katayoun Vahdat, **Samad Akbarzadeh**, Maryam Farrokhnia, Majid Assadi, Roya Amirinejad, Afshar Bargahi, Zahra Sangideh. Reduced serum osteocalcin concentrations are associated with type 2 diabetes mellitus and the metabolic syndrome components in postmenopausal women: the crosstalk between bone and energy metabolism. *J Bone Miner Metab* 2012;

24-Saeid Najafpour Bushehri, Rokiah Mohammad Yusof, Mohammad Nasir Mohammad Taib, Kamran Mirzaei, Narges Yazdekhashti, **Samad Akbarzadeh**. Effect of Vitamin supplementation on serum oxidized low-density lipoprotein levels in male subjects with cardiovascular disease risk factors. *Iranian journal of Basic Medical Sciences*. 2012; 15(4):958-964.

25-Maasumeh Tohidi, **Samad Akbarzadeh**, Baghar Larijani, Mohammadreza Kalantarhormozi, Afshin Ostevar, Majid Assadi, Katayoun Vahdat, Maryam Farrokhnia, Zahra Sanjideh, Roya Amirinejad, Iraj Nabipour. Omentin-1, visfatin and adiponectin levels in relation to bone mineral density in Iranian postmenopausal women. *Bone*. 2012; 51:876-881.

Lecturers and posters

1-**Akbarzadeh S**, Ani M, Moshtaghi A.A, Mirhashemi S.M. ***Changes in Sodium-Lithium Countertransport (SLC) Activity in RBC Following Lead Treatment***. First Congress of Iranian Trace Elements, Iran University of Medical Sciences and Health Services 11-12 Nov 2006.

2- Mirhashemi S.M, Moshtaghi A.A, Ani M, **Akbarzadeh S**, ***Comparative Effects of Aluminium on Serum, Liver and Brain High and Low Molecular Weight Alkaline Phosphate Isoenzymes in Rat***. First Congress of Iranian Trace Elements, Iran University of Medical Sciences and Health Services 11-12 Nov 2006.

3-**Akbarzadeh S**, Ani M, Moshtaghi A.A, Movahed A, ***Effects of Lithium on Metabolism of Lipid in Rat***. 4th Biochemistry Congress, Babol University of Medical Sciences 19-22 Oct 1997.

4- **Akbarzadeh S**, Pourebrahim R, Karimi F, Mahbobnia M, Gholamzadeh F, Rohei L, ***Cholesterol and Lipoproteins Concentrations of Bushehr Port School Children, 1999***. 6th International Congress of Endocrine Disorders, Tehran, Iran, October 6-9, 2001.

5-**Akbarzadeh S**, ***Effects of Lithium on Metabolism of Lipids in Rats***. International Congress of Clinical Chemistry and Laboratory Medicine, Firenze, Italy, 6-11 June 1999.

6-**Akbarzadeh S**, ***Chiness Congress of Clinical Chemistry and Laboratory Medicine***, Hongkong, China, 11-15 June 2000.

7- Akbarzadeh S, Ani M, Moshtaghi A.A, Movahed A, *Changes in Sodium-Lithium Countertransport Activity Following Aluminium Treatment*. The 9th Iranian congress of biochemistry and molecular biology. Shiraz-Iran, Oct.29-Nov.1, 2007.

8-Movahed A,Zakiabassi M,Akbarzadeh S,*Evaluation of the Relationship Between the Chemical Composition of Kidney Stone and Dietary Risk Factors*. The 9th Iranian congress of biochemistry and molecular biology. Shiraz-Iran, Oct.29-Nov.1, 2007.

9- Akbarzadeh S, Ani M, Moshtaghi A.A, Movahed A, *Effects of Magnesium on Erythrocyte Sodium-Lithium Countertransport Activity and Plasma Lipids in Rabbits*. The 1th Iranian congress of Metabolic Syndrome.Tabriz-Iran, 13-14 Jun 2008.

10- A Movahed, M Zakiabassi, S Akbarzadeh,I Nabipour,M Assadi,K Mirzaei,*Evaluation of the Relationship Between the Chemical Composition of Kidney Stone and Dietary Risk Factors*. Clin Chem Lab Med 2009;47.Special Supplement.Poster Abstracts-IFCC-EFCC-EUROMEDLAB 2009-Innsbruck,7-11 June.W-A076.Berlin.New York.

11- A Movahed,D Iranpour, I Nabipour,M Jafari, S Akbarzadeh, , K Mirzaei,M Assadi, *Evaluation of Relationship Between the Presence of Coronary Artery Disease and Circulatory Total Bilirubin*. Clin Chem Lab Med 2009;47.Special Supplement.Poster Abstracts-IFCC-EFCC-EUROMEDLAB 2009-Innsbruck,7-11 June.W-A077.Berlin.New York.

12-P Bazzi, F Rajaei, S Akbarzadeh, M.A Zare, A Bargahi.The cytotoxic effects of acute and chronic dose of lead acetate on testicular tissue on rabbits.3rd congress of the Asia pacific initiative on reproduction (Aspire 2010),Bangkok,Thailand 9-11 April 2010.

13-P Bazzi, F Rajaei, S Akbarzadeh, A Bargahi, M.A Zare.The cytotoxic effects of acute and chronic dose of aluminium chloride on testicular tissue on rabbits.3rd congress of the Asia pacific initiative on reproduction (Aspire 2010),Bangkok,Thailand 9-11 April 2010.

14-Ani M, Ani A, Amini M, Akbarzadeh S, Azarkamand G. Increased activity of sodium-lithium countertransport in first degree family of diabetic patients; a biomarker for prognosis of diabetes. The 12th Asian-Pacific Congress of Clinical Biochemistry, October 3-7, 2010.

15-Ani A, Ani M, Moshtaghi AA, Akbarzadeh S. Inhibition of erythrocyte sodium-lithium countertransport activity by magnesium. The 12th Asian-Pacific Congress of Clinical Biochemistry, October 3-7, 2010.

16-Yousefi F, Akbarzadeh S, Khosravizadegan F, Motamed N, Eghbali S, Moula A, Salimpour H, Jafari M. The evaluation of plasma level of ghrelin in patient with Alzheimer disease. 11th Iranian congress of biochemistry 8-10 February 2011 Qazvin.

17- Akbarzadeh S, Nabipour I, Nazem, H, Porbehi, A. Changes serum concentrations of adiponectin in healthy subjects of familial diabetes. 11th Iranian congress of biochemistry 8-10 February 2011 Qazvin.

18-Abbasi F, Akbarzadeh S, Ghasemi S, Kalantarhormozi MR, Motamed N, Mirzaei. Plasma concentrations of omentin-1 in women with poly cystic ovary syndrome (PCOS) and BMI<25". 11th Iranian congress of biochemistry 8-10 February 2011 Qazvin.

18-Aminfar E, Akbarzadeh S, Ghasemi S, Jafari SM, Movahed A, Hajian N. Plasma concentrations of vaspin in women with poly cystic ovary syndrome (PCOS). 11th Iranian congress of biochemistry 8-10 February 2011 Qazvin.

19-Aghaei N, Arjmand M, Zamani Z, Haghossini R, Falahpoor F, Irvani A, Akbarzadeh S, Sadeghi S, Akbari Z, Tavakoli T. The effects of anti malaria artimizien on profile metabolite falsiparm plasmodium via HINMR . 11th Iranian congress of biochemistry 8-10 February 2011 Qazvin.

20-Assadi M, Salimpour H, Akbarzadeh S, Samani Z, Nemati R, Jafari S, Seyedabadi M, Abbaszadeh M, Nabipour I. Correlation of circulating omentin-1 with bone mineral density in multiple sclerosis: the crosstalk between bone and adipose tissue. 11th Annual Congress of the European association of nuclear medicine (EANM11), October 15-, 2011, Birmingham, UK.

Occupation Experience

- 1- Teaching and research experience , Bushehr University of Medical Sciences and Health Services , 1995- to present day
- 2- In charge of affairs, Bushehr Central Diagnostic Laboratory (18 months).
- 3- Quality control of diabetic tests, Bushehr Health Center, 2000-2002.
- 4- National tests on micro nutrients to determine iron, zinc and vitamin A, D in Bushehr province Iran 2001.
- 5- Quality control of samples and specimens sent from National Laboratory to Bushehr laboratories.
- 6- To equip and activate Biochemistry Laboratory Bushehr Medical University.
- 7- To equip and activate Drugs Laboratory Ahram-Bushehr province-Iran.
- 8- Student advisor 1998-2001 and 2007 to present day.
- Cooperation
- 9- Head of Student Research Committee Bushehr Medical University.
- 10- Acting registrar Bushehr Medical University.

- 11-Cooperation in translation of: *Biochemistry Book for Medical Students.*
- 12- Cooperation in translation of: *Anti Oxidant and Old Age Book.*
- 13-Medical student dissertation guide: *Biochemical Analysis of Heart Palms.*
- 14- Medical student dissertation guide: *Histochemical Effects of Lead Acetate on Liver in Rats.*
- 15- Medical student dissertation guide: *Effects of lead Acetate on Kidney Tissue in Rats.*
- 16- Medical student dissertation guide: *Study of Plasma Rbp4 in Family Diabetic of Bushehr City.*
- 17-MSc student dissertation guide: *Changes of Sodium-Lithium Countertransport Activity in Individual Diabetic of Isfahan City.*
- 18-A project: *Study of Plasma Adiponectin, Visfatin and Relation with Apo-B100 in Family Diabetic of Bushehr City.*
- 19--A project:*Ghrelin comcentration in Alzheimer Disease.*
- 20--A project:*Detection of polymorphisms genes of Ghrelin and receptor,s in Alzheimer Disease.*
- 21--A project:*The effect of otostegia persica extract on treatment of diabetic Rats.*
- 22- Medical student dissertation guide: *Study Plasma Relaxin in PCOS Women.*
- 23-A project: *Effects of Complex Drug A on Treatment of Burn Injuries in Rat.*
- 24- A project: *Effects of Burnt Barley and Sesame on Treatment of Burn Injuries in Rat.*
- 25- A project: *Study Plasma Vaspin in PCOS Women.*
- 26- Medical student dissertation guide: *Study Plasma Omentin-1 in PCOS Women.*
- 27- Medical student dissertation guide: *Study Plasma Progranulin in PCOS Women.*
- 28--A project:*Detection of polymorphisms genes of Ghrelin and receptor,s in Alzheimer Disease.*
- 29- Medical student dissertation guide: *ID antigen for Preparation of thalasemi people of Bushehr city.*

30-Medical student dissertation guide:Effect of parkinsonia aculeate on ethylene glycol – induced nephrolithias in malerats.

Workshop attendance:

Title of Workshop	Name of Institute	Date	Duration
Research Methodology	Bushehr University of Medical Sciences	1996	3 days
Research Methodology	Bushehr University of Medical Sciences.	1999	3 days
Syllabus Outline	Bushehr University of Medical Sciences (EDC)	1995	2 days
Ethic in Medicine	Bushehr University of Medical Sciences.(EDC)	1997	1 days
Test Quality Control National Level (Thalasemia)	Tehran University of Medical Sciences.	2000	1 day
Third National Congress on Medical Education	Isfahan University of Medical Sciences.	1998	3 days
Teaching Methodology	Bushehr University of Medical Sciences(EDC)	1998	3 days
Total Quality Management	Bushehr University of Medical Sciences(EDC)	2000	2 days
Medical Diagnostic Laboratory(survey)	Bushehr University of Medical Sciences.	2001	1 day
Determiation of Micro Nutrient Deficiency(Vitamin A , D Iron, Zinc)	Bushehr University of Medical Sciences.	2001	2 days
As a Lecturers in National Project :Determiation of Micronutrients Deficiency (Vitamin A , D Iron, Zinc)	Bushehr University of Medical Sciences.	2001	1 day
Integration: General Medical Education	Iran Medical University	2007	1 day
Standard Questionnaire Outline and Post Examination Analysis of Multiple-Choice	Bushehr University of Medical Sciences.	2008	1 day

Questions			
Creativity	Bushehr University of Medical Sciences.	2008	1 day
National Congress of the Heads of Biochemistry Departments and Representatives of Biochemistry Society from all over Iran	Tehran Medical University	2007	2 day
Comparison of Syllabuses to Verify Foreign Medical Universities, Syllabuses	Ministry of Health Tehran	2008	1 day
Article Writing	Bushehr University of Medical Sciences.	2008	2 day

Membership:

1. Biochemistry Society of the Islamic Republic of Iran
2. Trace Elements Society of Iran
3. Biochemistry Society Representative in Bushehr.
4. Trace Elements Society Representative in Bushehr.
5. Member of Research Assembly Bushehr Medical University
6. Member of Standardization Committee for General Medical Education
7. Member of Educational Planning Committee of EDC Bushehr Medical University
8. Teaching Staff Evaluation Committee of Bushehr Medical University
9. H.S.R Policy Making of Bushehr Medical University
10. Policy Making Assembly, Strategic Research Management of Bushehr Medical University
11. Executive Committee for Martyr Motahari Festival
12. Verification Assembly for Educational Units of Bushehr Medical University
13. Research Assembly for Youths Health of Bushehr Medical University
14. Head of Educational Unit Verification Assembly for Foreign Students of Bushehr Medical University
15. Scholarship Assembly of Bushehr Medical University
16. Head of Exceptional Cases Committee of Bushehr Medical University

17. Expenditure Correction/Improvement Committee of Bushehr Medical University

Awards:

- 1-Distinguished Lecturer of Bushehr Medical University 1997.
- 2- Distinguished Lecturer of Bushehr Medical University 2008.
- 3-Distinguished Researcher of Bushehr Medical University 2007.
- 4-Distinguished Researcher of Faculty Medicine 2007.
- 5-Certification of Merit for Students' Achievement in National Biochemistry Examination.
- 6-Merit Certificate at Ph.D Level in Esfahan Medical University
- 7-First Position Certificate of Merit for Poster Presentation at First International Students Congress Mashad.
- 8-Second Position Certificate of Merit for Poster Presentation at Students' Congress Bandarabbas.
- 9-First and Third Position Certificate of Merit at Students Congress Bushehr
- 10-Distinguished Researcher of Bushehr Medical University 2011.