

Asad Vaisi Raygani

*Assistant Professor of Clinical Biochemistry since Feb 2005 at
Department of Clinical Biochemistry, Faculty of Medicine
Kermanshah University of Medical Sciences, Kermanshah,
IRAN*

Contacts

Tel: (office) (+98 831 4269454)

Fax :(+98 831 4279918)

E-mail: vaisira@yahoo.com

Department of Clinical Biochemistry, Kermanshah University of Medical Sciences,
Daneshgah Avenue, P.O. Box 67148, 69914 Kermanshah, Iran, Iran

Education

Education

- **Ph.D.** in Clinical Biochemistry
Faculty of Medicine, Tehran University of Medical Sciences Tehran, 2004
Research advisors: Prof. Mahine Zahraie
Dissertation: *Study of Synergism between Butyrylcholinesterase K variant and Apolipoprotein E Genotypes in Alzheimer's Disease in Tehran Population, Iran.*
- **M.Sc.** Faculty of Medical Sciences, Isfahan, Iran, 1994.
Research advisors: Professor Hamid Rahi
Dissertation: *Genotyping of butyrylcholinesterase in Kermanshah population (Iran)*
- **License** in Qualifying teaching, Isfahan University of Medical Sciences, Isfahan, Iran, 1994.
- **B.Sc.** in Chemistry
Faculty of Science, Razi University, Kermanshah, Iran, 1987.

Awards and Honors

1. Top PhD student, 2003, Tehran University of Medical Sciences, Shiraz
2. Top researcher, 2004, Kermanshah University of Medical Sciences, Kermanshah
3. Top researcher, 2006, Kermanshah University of Medical Sciences, Kermanshah
4. The best researcher, 2007, Kermanshah University of Medical Sciences, Kermanshah
4. The best researcher, 2008, Kermanshah University of Medical Sciences, Kermanshah
5. The senior lecturer introduced to the Ministry of Health and Medical Education, 2007, Kermanshah University of Medical Sciences, Kermanshah
6. Introducing as a senior lecturer in Kermanshah University of Medical Sciences 2007
7. Ranked two in BSc course and Ranked one in MSc course

Research Experience

Research on molecular genetics.

Profession activities:

Reviewer of Clinical Biochemistry Journal

Reviewer of European Journal of Clinical Laboratory Investigation

Reviewer of European Journal Lipid Science Technology

Reviewer of Neuroscience Letters

Reviewer of Pharmacogeomics

Reviewer of Archives Medical Reseach

Reviewer of Kermanshah University of Medical Sciences Journal Behbood, Iran, 2004

Lecturer present in scientific educational group in education office

Memberships

1. Iranian Biochemical Society

Publications

- [1] **Raygani AV**, Zahrai M, Solt Anzadeh A, Doosti M, Javadi E, Pourmotabbed T. Analysis of association between butyrylcholinesterase K variant and apolipoprotein E genotypes in Alzheimer's disease. **Neuroscience Letters** 2004; 371(2-3):142-6.
- [2] **Raygani AV**, Zahrai M, Vaisi Raygani A, Doosti M, Javadi E, Rezaei M, Pourmotabbed T. Association between apolipoprotein E polymorphism and Alzheimer disease in Tehran, Iran. **Neuroscience Letters** 2005;375:1-6
- [3] Kharrazi H, **Vaisi Raygani A**, Sabokroh AR, Pourmotabbed T. Association between apolipoprotein E polymorphism in coronary artery disease patients in Kermanshah, in west of Iran. **Clinical Biochemistry** 39 (2006) 613-616.
- [4] Rahimi Z, **Vaisi Raygani A**, Merat A, Haghshenass M, Gerard N, Nagel RL, Krishnamoorthy R. Thalassemic mutations in Southern Iran. **Ir J Med Sci.** 2006, 31 (2):70-73.
- [5] Rahimi Z, **Vaisi Raygani A**, Siabani S, Mozafari H, Nagel RL, Muniz A. Prevalence of glucose-6-phosphate dehydrogenase deficiency among school boys in Kermanshah. **Eastern Med. Health J.** Article In Press(2007).
- [6]. **Vaisi-Raygani A**, Rahimi Z, Pourmotaabed A. Antioxidant defense in patients with Alzheimer disease. **Acta Medica Iranica**, 2007 **45(4): 271-276**;
- [7]. **Raygani AV**, Rahimi Z, Kharrazi H, Tavalani H, Pourmotaabed A. Association between apolipoprotein E polymorphism blood profiles lipids, lipoproteins and apolipoproteins with Alzheimer's disease. **Neuroscience Letters** 408 (2006) 68-72.
- [8]. Rahimi Z, **Vaisi-Raygani A**, Nagel RL, Muniz A. Molecular characterization of glucose-6-phosphate dehydrogenase deficiency in the Kurdish population of Western Iran. **Blood Cells, Molecules, and Diseases** 37 (2006) 91-94.
- [9]. H. Tavalani, M. Doosti, K. Abdi, **A. Vaisiraygani** & H. R. Joshaghani. Decreased polyunsaturated and increased saturated fatty acid concentration in spermatozoa from asthenozoospermic males as compared with normozoospermic males. **Andrologia** 38 (2006) 173-178.
- [10]. **Vaisi-Raygani A**, Rahimi Z, Kharrazi H, Tavalani H, Amminian M, Pourmotaabed T. Determination of butyrylcholinesterase (BChE) phenotypes to predict the risk of

prolonged apnea in persons receiving succinylcholine in the healthy population of Western Iran. **Clinical Biochemistry**. 40 (2007) 629–633

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[12] Rahimi Z, **Vaisi-Raygani A**, Mozafari H, Kharrazi H, Rezaei M, Nagel RL. Prevalence of Factor V Leiden (G1691A) and Prothrombin (G20210A) among Kurdish Population from Western Iran. **J Thromb Thrombolysis**. 2007 Jul 11; [Epub ahead of print]

[13] Rahimi Z, **Vaisi-Raygani A**, Nagel RL, Muniz A. An Iranian boy with Hb Q-Iran/IVSII.I G:A/- $\alpha^{3.7kb}$ deletion: First report. **J Pediatr Hematol Oncol**. 2007 29(9); 649-651.

[14] Rahimi Z, **Vaisi-Raygani A**, Nagel RL, Muniz A. Thrombophilic Mutations among Southern Iranian Patients with Sickle Cell Disease: High Prevalence of Factor V Leiden. **J Thromb Thrombolysis**. In Press(2007).

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[19] [Tavilani H](#), [Goodarzi MT](#), [Doosti M](#), [Nourmohammadi I](#), **Vaisi-Raygani A**, [Hassanzadeh Ghasbeh T1](#), [Salimi S4](#), [Joshaghani HR](#). Relationship between seminal antioxidant enzymes and the phospholipid and fatty acid composition of spermatozoa. **Reproductive BioMedicine Online**; 2008 16(5)643-650

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[23] Tavilani H, Goodarzi MT, [Vaisi-Raygani A](#), Salimi S, Hassanzadeh T. Activity of Antioxidant Enzymes in Seminal Plasma and their Relationship with Lipid Peroxidation of Spermatozoa. **Int Braz J Urol. 2008 Jul-Aug;34(4):485-91.**

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[25] [Vaisi-Raygani A](#), Tavilani H, Rahimi Z, Zahrai M, [Sheikh N](#), Aminian M, Pourmotaabed T. Serum butyrylcholinesterase activity and phenotype associations with lipid profile in stroke patients. **Clinical Biochemistry.** (2008) Article In press.

[26] Rahimi Z, [Vaisi-Raygani A](#), Mozafari H, Nomani H. Factor V G1691A, Prothrombin G20210A and Methylenetetrahydrofolate Reductase C677T Polymorphism Are not Associated With Coronary Artery Disease and Type 2 Diabetes Mellitus in Western Iran. **Blood Coagulation & Fibrinolysis.** (2008) Article In press.

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Congress International ABSTRACTS

- Vaisi Raygani A, Rahi H, Vaisi Raygani AA. Screening of butyrylcholinesterase (BCHE) genotype in order to evaluate the risk of prolonged apnea after receives succinylcholine. Accepted for 10th APCCB 18- 23 Sep 2004. Perth- Australia.
 - Asad Vaisi Raygani, Mahine Zahrai, Akbar Soltanzadeh, Mahmood Doosti, Ebrahim Javadi . Association between apolipoprotein E polymorphism and Alzheimer's disease in an Iran population. 10th APCCB 18-23 Sep 2004. Perth-Australia.
 - Asad Vaisi Raygani, Mahine Zahrai, Akbar Soltanzadeh, Mahmood Doosti, Ebrahim Javadi. Analysis of association between apolipoprotein E genotypes , the K variant of butyrylcholinesterase (BChE-K) in Alzheimer's disease (AD) . 10th APCCB 18-23 Sep 2004. Perth-Australia.
 - Vaisi Raygani A, Rahi H, Vaisi Raygani AA. Genotyping of butyrylcholinesterase in west of IRAN (Kermanshah). Presented at the 15th IFCC–FESCC European Congress of Clinical Chemistry and Laboratory Medicine (EUROMEDLAB); Barcelona, Spain Jan 1-5.2003.
 - Vaisi Raygani A, Rahi H Liver of biochemical tests during pregnancy. Presented at the 15th IFCC–FESCC European Congress of Clinical Chemistry and Laboratory Medicine (EURGMDLSB); Barcelona, Spain Jan 1-5.2003.
 - Rahimi Z , Bahrehmand F, Vaisiraygani, A. Plasma Lipids in Iranians with Sickle Cell Disease: Hypocholesterolemia in Sickle Cell Anemia and Increase of HDL-Cholesterol in Sickle Cell rait. Presented at the 4th Euro Fed Lipid Congress - Fats, Oils and Lipids for a Healthier Future, Madrid, 01 -04 October 2006
 - Kharrazi, H., Vaisi Raygani, A . Sabokroh, A.R. , and Pourmotabedd, T. Association between Apolipoprotein E Polymorphism in Coronary Artery Disease Patients in Kermanshah Population, in West of Iran. Presented at the 4th 4th Euro Fed Lipid Congress - Fats, Oils and Lipids for a Healthier Future, Madrid, 01 -04 October 2006
- Asad Vaisi Raygani, Ali Akbar Vaisiraygani. Analysis of Association between Plasma Lipids and Lipoproteins Levels in Alzheimer's Disease (AD)

Presented at the 4th Euro Fed Lipid Congress - Fats, Oils and Lipids for a Healthier Future, Madrid, 01 -04 October 2006.

Rahimi Z, Vaisi Raygani A, Nagel RL. Apolipoprotein E genotypes in Iranians with sickle cell disease. The 11th Congress of the European Hematology Association (EHA11), Amsterdam, The Netherlands, June 2006.

. Rahimi Z, Vaisi Raygani R, Nemati H, Nagel RL. Muniz A. Molecular characterization of glucose-6-phosphate dehydrogenase deficiency in Western Iran. The 11th Congress of the European Hematology Association (EHA11), Amsterdam, The Netherlands, June 2006

. Rahimi Z, Mozafari H , Vaisi-Raygani A, Nagel RL. Muniz A. Prevalence of Factor V Leiden (G1691A) and Prothrombin (G20210A) among Healthy Population from Western Iran. The 12th Congress of the European Hematology Association (EHA12), Vienna, Austria, June 2007

National:

- 1 Vaisi Raygani A, Rahi H, 3 th Biochemistry congress and Laboratory Sciences, Tabriz Iran,1995.
- Rahi H, kiani A, Vaisi Raygani A, 1th Biochemistry and Laboratory Sciences congress, Tehran,Iran,1991.
- Vaisi Raygani A. The biochemical basis of Alzheimer's disease. Oral presented at the seminar of Geriatric Medicine,Tehran,Iran (2003).
- Vaisi Raygani A. The effect of non standard sampling on the laboratory results. Oral presented at the episodic training seminar for Pathologists and Laboratory Sciences Specialists, Kermanshah, Iran (2003).

Referees:

The following persons have written letters of recommendation for me:

Prof. Tayebeh Poumotabbed

Department of Molecular Sciences, University of Tennessee,
Health Science Center, USA

E-mail: tpourmotabbe@utmem.edu

Prof.Mahin Zahraei

Dept. of Biochemistry, Faculty of Medicine, Tehran University
of Medical Sciences, Iran. Tel: (+98 21) 6112739 Fax: (+98 21)
88953004

Prof. Mahmood Doosti

Dept. of Biochemistry, Faculty of Medicine, Tehran University
of Medical Sciences, Iran. Tel: (+98 21) 6112739 Fax: (+98 21)
8953004

E-mail: doostimd@sina.tums.ac.ir