

به نام فدا



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آدرس:

نیشابور - میدان معلم - ستاد مرکزی دانشکده علوم پزشکی

مشهد - میدان آزادی (پارک) - پردیس دانشگاه - دانشکده پزشکی - گروه آموزشی ژنتیک

تلفن: ۰۹۱۵۳۱۵۶۹۵۵

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تحصیلات

- ❖ پزشکی عمومی، دانشگاه علوم پزشکی مشهد- ۱۳۷۷
- ❖ دوره عالی بهداشت (MPH)، دانشگاه علوم پزشکی مشهد- ۱۳۸۶
- ❖ دکترای تخصصی (PhD) ژنتیک پزشکی، دانشگاه لورن- نانس فرانسه ۱۳۸۸-۱۳۹۱
- ❖ فوق دکترا در (personalized medicine)، دانشگاه لورن- نانس فرانسه ۱۳۹۲
- ❖ دیپلم عالی دانشگاهی در (Personalized Medicine and Therapy)، دانشگاه لورن- نانس فرانسه ۱۳۸۹

تجربیات اجرایی

۱۳۹۲ - مفتخر به داشتن ابلاغی از وزیر محترم بهداشت، درمان و آموزش پزشکی به عنوان رئیس دانشکده علوم پزشکی و خدمات بهداشتی درمانی نیشابور تاکنون

۱۳۸۵-۱۳۸۷ مدیر پژوهشکده بوعلی و مجموعه مراکز تحقیقات دانشگاه علوم پزشکی و خدمات بهداشتی و درمانی مشهد

۱۳۸۴- مسول بهداشت حرفه ای مرکز بهداشت استان خراسان رضوی

۱۳۷۸- ۱۳۸۴ رئیس شبکه بهداشت و درمان شیروان

۱۳۷۷- رئیس مرکز بهداشت شیروان

عضویت در مجامع پزشکی و علمی :

- ۱- عضو سازمان نظام پزشکی جمهوری اسلامی ایران
- ۲- عضو انجمن ژنتیک پزشکی ایران
- ۳- عضو هیئت علمی گروه ژنتیک پزشکی دانشگاه علوم پزشکی مشهد
- ۴- عضو جامعه آترواسکلروزیس اروپا
- ۵- عضو جامعه آنژیولوژی آمریکا
- ۶- عضو جامعه فارماکو ژنومیکس و ترانوستیک اروپا
- ۷- عضو انجمن جهانی طب جنینی انگلستان
- ۸- عضو و دبیر کمیته علمی پوستر کنگره بین المللی بیولوژی سیستم ها ، فارماکوژنومیکس تا پزشکی سیستم ها - سانتورینی - یونان ۲۰۱۰
- ۹- عضو کمیته اجرایی کنگره بین المللی بیولوژی سیستم ها ، فارماکوژنومیکس تا پزشکی سیستم ها - سانتورینی - یونان ۲۰۱۰

آشنایی به زبان های خارجی

انگلیسی (عالی)، فرانسه (خیلی خوب) و عربی (ابتدایی)

Scientific prizes and awards:

- 1) Voted best student in research, MUMS, National Iranian festival Dec.2008
- 2) Best author for the book on “The effects of nutrition and the risk factors of atherosclerosis”, Asrar Festival, Feb. 2009

Reviewer of international journals:

Drug Metabolism and Drug Interactions
Iranian Journal of Basic Medical Sciences

PUBLICATIONS:

Books:

Majid Ghayour-Mobarhan, Mohsen Moohebaty, **M. Azimi-Nezhad**, S. M. KazemiBajestani, Hanie Yaghoutkar, Bahare Hassankhani, Fatemeh Modoodi. The effects of nutrition and risk factors on pathogenesis of atherosclerosis, Mashhad University of Medical Sciences press, December of 2008. (Persian).

Published papers:

h index: 15
i10 index:20

- 1) Angiogenesis related genes NOS3, CD14, MMP3 and IL4R are associated to VEGF gene expression and circulating levels in healthy adults. Saleh A, Stathopoulou MG, Dadé S, Ndiaye NC, **Azimi-Nezhad M**, Murray H, Masson C, Lamont J, Fitzgerald P, Visvikis-Siest S. BMC Med Genet. 2015 5;16:90.
- 2) Thymoquinone Ameliorates Acute Renal Failure in Gentamicin-Treated Adult Male Rats. Samarghandian S, **Azimi-Nezhad M**, Mehrad-Majd H, Mirhafez SR. Pharmacology. 2015;96(3-4):112-7. Epub 2015 Jul 18.
- 3) Effects of buprenorphine on balance of oxidant/antioxidant system in the different ages of male rat liver. Samarghandian S, **Azimi-Nezhad M**, Afshari R, Farkhondeh T, Karimnezhad F. J Biochem Mol Toxicol. 2015 Jun;29(6):249-53. Epub 2015 Feb 12.
- 4) Preventive effect of safranal against oxidative damage in aged male rat brain. Samarghandian S, **Azimi-Nezhad M**, Samini F. Exp Anim. 2015;64(1):65-71 . 14-0027. Epub 2014 Oct 14.
- 5) Samarghandian S, **Azimi-Nezhad M**, Samini F .Ameliorative effect of saffron aqueous extract on hyperglycemia, hyperlipidemia, and oxidative stress on diabetic encephalopathy in streptozotocin induced experimental diabetes mellitus. Biomed Res Int. 2014
- 6) Samarghandian S, **Azimi-Nezhad M** and Gholamreza Mohammadi - Role of Caspases, Bax and Bcl-2 in Chrysin-Induced Apoptosis in the A549 Human Lung Adenocarcinoma Epithelial Cells -Anti-Cancer Agents in Medicinal Chemistry 2014;14(6),901-909
- 7) Nematy M, Ahmadpour F, Behnam Rassouli Z, Mohaddes Ardabili H, and **M Azimi-Nezhad*** A Review on Underlying Differences in the Prevalence of Metabolic Syndrome in the Middle East, Europe and North America. Journal of Molecular and Genetic Medicine. S1:019 (**Review article**). *Corresponding author
- 8) Azimi-Nezhad M. Vascular endothelial growth factor from embryonic status to cardiovascular pathology. Reports of Biochemistry & Molecular Biology. 2014; 2(2). (**Review article**)
- 9) Amélie Bonnefond; Pierre-Jean Saulnier; Maria G. Stathopoulou; Niels Grarup; Ndeye Coumba Ndiaye; Ronan Roussel; **Azimi Nezhad M**; Aurélie Dechaume; Olivier Lantieri; Serge Herberg; Torsten Lauritzen; Beverley Balkau; Torben Hansen; Oluf Pedersen; Philippe Froguel; Guillaume Charpentier; Michel Marre; Samy Hadjadj; Sophie Visvikis-Siest. "What is the contribution of two genetic variants

regulating VEGF levels to type 2 diabetes risk and to microvascular complications?" PLoS One. 2013;8(2):e55921.

- 10) **M. Azimi Nezhad**, Maria G. Stathopoulou, Amélie Bonnefond, Marc Rancier, Abdelsalam Saleh, John Lamont, Peter Fitzgerald, Ndeye Coumba Ndiaye, Sophie Visvikis-Siest. Associations of VEGF with adhesion and inflammation molecules in a healthy population. *Cytokine*. 2013;61(2):602-7
- 11) Maria G. Stathopoulou*, Amélie Bonnefond*, Ndeye Coumba Ndiaye*, **M. Azimi-Nezhad**, Said El Shamieh, Abdelsalam Saleh, Marc Rancier, Gerard Siest, John Lamont, Peter Fitzgerald, Sophie Visvikis-Siest. A common variant highly associated with plasma VEGFA levels also contributes to the variation of both LDL-C and HDL-C. *J Lipid Res*. 2013 ;54(2):535-41. * Equal first authors
- 12) **M. Azimi Nezhad**, Daniel Lambert, Catherine Ottone ,Corinne Perrin, Celine Chapel, Gwenaëlle Gaillard, Michèle Pfister, Christine Masson, Eric Tabone Fotini Betsou, David Meyronet, Marie-Noëlle Ungeheuer, and Sophie Visvikis – Siest. Influence of pre-analytical variables on VEGFA gene expression and circulating protein concentrations. *Biopreservation and Biobanking*. 2012; 10,(5) : 454-61.
- 13) Ndiaye NC*, **M. Azimi Nezhad***, El Shamieh S*, Stathopoulou MG*, Visvikis-Siest S*. Cardiovascular diseases and genome-wide association studies. *Clin Chim Acta*, 2011; 18;412(19-20):1697-701. (Review article) *: All authors contributed equally to this work
- 14) **M. Azimi-Nezhad**, Herbeth, G. Siest, H. Esmaili, S.J. Hosseini, M. Ghayour- Mobarhan, S. Visvikis-Siest. High prevalence of metabolic syndrome in Iran in comparison to France: What Are the Components That Explain This? *Metabolic syndrome and related disorders* 2012 Jan 27;10(3):181-8
- 15) Debette S, Visvikis-Siest S, Chen MH, Ndiaye NC, Song C, DeStefano AL, Safa R, **M. Azimi Nezhad**, Sawyer D, Marteau JB, Xanthakis V, Siest G, Sullivan L, Pfister M, Smith H, Choi SH, Lamont J, Lind L, Yang Q, Fitzgerald P, Ingelsson E, Vasani RS, Seshadri S. Identification of Cis- and Trans-acting Genetic Variants Explaining up to Half the Heritability of Circulating VEGF levels. *Circulation research*, 2011;19;109(5):554-63
- 16) El Shamieh S, Herbeth B, **M. Azimi-Nezhad**, Benachour H, Masson C, Visvikis-Siest S. Human formyl peptide receptor 1 C32T SNP interacts with age and is associated with blood pressure levels. *Clin Chim Acta*. 2012 Jan 18;413(1-2):34-8.
- 17) Mohammad Reza Olad, Javad Behravan ,Mitra Hassani, Jamal Kassaeian, Amirhossein Sahebkar , **Mohsen Azimi-Nezhad**, Gordon Ferns Majid Ghayour-Mobarhan^{III}Glucokinase gene promoter-30G>A polymorphism: A cross-sectional association study with obesity, diabetes Mellitus, hyperlipidemia, hypertension and metabolic syndrome in an Iranian hospital. *Rev. Nutr.* vol.25 no.4

- 18) **M. Azimi Nezhad**, Parizadeh S.M.R, Safarian M, Esmaeili H, Kazemi-Bajestani S.M.R, Parizadeh SMJ, Jooya M, Ghayour-Mobarhan, J. Hosseini, Ferns G.A. Metabolic Syndrome: Its prevalence and relationship to socio-economic parameters within an Iranian population. *Nutrition Metabolism & Cardiovascular Disease*, 2008;18(3):e11-2.
- 19) **M. Azimi Nezhad**, Ghayour-Mobarhan M, Safarian M, Esmaeili H, Parizadeh S.M.R, J. Hosseini Parizadeh SMJ, Ferns G.A. Prevalence of diabetes type 2 in Iran and its relationship with gender, urbanization, education, marital status and occupation. *Singapore Med Journal*, 2008;49(7):571-6 ([75 citations](#))
- 20) Seyyed Mohammad Reza Parizadeh, Mohsen Moohebbati, Majid Ghayour-Mobarhan, Seyyed Mohammad Reza Kazemi-Bajestani, **M. Azimi-Nezhad**, Shima Tavallaie , Fahimeh Ghafoori, Gordon A Ferns. Serum selenium and glutathione peroxidase concentrations in Iranian patients with angiography defined coronary artery disease. *Angiology*, 2009;60(2):186-91
- 21) Mokhber N, Majdi M, Ali-Abadi M, Shakeri M, Kimiagar M, Salek R, Moghaddam PA, Sakhdari A, **Azimi-Nezhad M**, Ghayour-Mobarhan M, Soluti S. , Association between Malnutrition and Depression in Elderly People in Razavi Khorasan: A Population Based-Study in Iran. *Iran J Public Health*. 2011;40(2):67-74.
- 22) Tara F, Maamouri G, Rayman MP, Ghayour-Mobarhan M, Sahebkar A, Yazarlu O, Ouladan S, Tavallaie S, **Azimi-Nezhad M**, Shakeri MT, Boskabadi H, Oladi M, Sangani MT, Razavi BS, Ferns G. Selenium supplementation and the incidence of preeclampsia in pregnant Iranian women: a randomized, double-blind, placebo-controlled pilot trial. *Taiwan J Obstet Gynecol*. 2010;49(2):181-7.
- 23) Tara F, Rayman MP, Boskabadi H, Ghayour-Mobarhan M, Sahebkar A, Alamdari DH, Razavi BS, Tavallaie S, **Azimi-Nezhad M**, Shakeri MT, Oladi M, Yazarlu O, Ouladan S, Sangani MT, Omran FR, Ferns G. Prooxidant-antioxidant balance in pregnancy: a randomized double-blind placebo-controlled trial of selenium supplementation. *J Perinat Med*. 2010;38(5):473-8
- 24) Mokhber N, Namjoo M, Tara F, Boskabadi H, Rayman MP, Ghayour-Mobarhan M, Sahebkar A, Majdi MR, Tavallaie S, **Azimi-Nezhad M**, Shakeri MT, Nematy M, Oladi M, Mohammadi M, Ferns G. Effect of supplementation with selenium on postpartum depression: a randomized double-blind placebo-controlled trial. *J Matern Fetal Neonatal Med*. 2011;24(1):104-8
- 25) Tara F, Rayman MP, Boskabadi H, Ghayour-Mobarhan M, Sahebkar A, Yazarlu O, Ouladan S, Tavallaie S, **Azimi-Nezhad M**, Shakeri MT, Teymoori MS, Razavi BS, Oladi M, Ferns G. Selenium supplementation and premature (pre-labour) rupture of membranes: a randomised double-blind placebo-controlled trial. *J Obstet Gynaecol*. 2010 ;30(1):30-4.
- 26) Nematy M, Sakhdari A, Ahmadi-Moghaddam P, Aliabadi M, Kimiagar M, Ilaty AA, **Azimi-Nezhad M**, Shakeri MT, Ghayour-Mobarhan M, Sahebkar A, Ferns GA. Prevalence of obesity and its association with socioeconomic factors in elderly Iranians from Razavi-Khorasan province. *ScientificWorldJournal*. 2009; 18;9:1286-93.

- 27) Ghayour-Mobarhan M, Shapouri-Moghaddam A, **M. Azimi-Nezhad**, Esmaeili H, Parizadeh S.M.R, Safarian M, Kazemi-Bajestani S.M.R, Khodaei G.H, Hosseini SJ, Parizadeh SMJ, Ferns G.A. The relationship between established coronary risk factors and serum copper and zinc concentrations in a large Persian Cohort. *J Trace Elem Med Biol*, 2009;23(3):167-75.
- 28) M. Ebrahimi , M. Ghayour-Mobarhan , S. Rezaian, Maryam Hoseyni , SMR Parizadeh, F. Farhoudi, SY. Hossininezhad ,S.Tavallaie AH.Vejdani, **M. Azimi-Nezhad** ,MT. Shakeri, MAN. Mobarra, SMR Kazemi-Bajestani, G. Ferns. Omega-3 fatty acid supplements improve the cardiovascular risk profile of subjects with metabolic syndrome, including markers of inflammation and auto-immunity. *Acta Cardiol*,2009;64(3):321-7
- 29) Ebrahimi M, Kazemi-Bajestani SM, Ghayour-Mobarhan M, Moohebaty M, Paydar R, **M. Azimi-Nezhad**, Esmaily HO, Ferns GA. Metabolic syndrome may not be a good predictor of coronary artery disease in the Iranian population: population-specific definitions are required. *Scientific World Journal*, 2009; 14; 9:86-96.
- 30) **M. Azimi Nezhad**· M.Ghayour-Mobarhan, H Esmalee, M.Rajabi.M, A.Gholami, oladi. MR, G ferns. Anthropometric indices of obesity and the prediction of cardiovascular risk factors in an Iranian population. *Scientific World Journal*,2009;12;9:424-30
- 31) Gérard Siest, Mohsen M. **Azimi Nezhad**, Denyse Bagrel, Said El Shamieh, Daniel Lambert, Ndeye Coumba Ndiaye, Payman Shahabi, Sophie Visvikis-Siest. (2011) Functional genomics towards personalized healthcare and systems medicine. *Personalized Medicine* **8**:3, 227-242.
- 32) Seyed Mohammad Javad Parizadeh, Mohsen Seyednozadi, Majid Reza Erfanian and **Mohsen Azimi Nezhad***. A Survey on Antibody Levels among Individuals at Risk of Brucellosis in Khorasan Razavi Province, Iran. *Pakistan Journal of Nutrition* 8 (2): 139-144, 2009 * corresponding author
- 33) **Azimi-Nezhad, M.**, Ghayour-Mobarhan, M., Esmaeili, H.A., Parizadeh, S.M.R., Hosseini, S.J., Safarian, M., Parizadeh, S.M.J., Paydar, R., Yaghootkar, H., Sahebkar, A., Ferns, G. Newly detected hypertension in an Iranian population: an epidemiological study. *Asian Biomedicine* Volume 3, Issue 6, December 2009, Pages 653-662F
- 34) Keify Fatemeh, **Azimi-Nezhad M**, Zhiyan-abad Narges, Nasserli Mojila, Abbaszadegan Mohammad Reza. Inherited genetic markers for thrombophilia in northeastern Iran (a clinical-based report). *Reports of Biochemistry & Molecular Biology* Vol. 2, No. 2, Apr 2014
- 35) Habibollah Esmaeily, **Mohsen Azimi-Nezhad**, Majid Ghayour-Mobarhan, Mohammad-Reza Parizadeh, Mohammad Safarian, Mohammad-Javad Parizadeh, Bahareh Hassankhani, Elahe Salardini, Zaim-Kohan Houshang, Hossini Javad, Oladi Mohammad Reza **and** Gordon Ferns Association Between Socioeconomic Factors and Obesity in Iran. *Pakistan Journal of Nutrition* .2009; 8(1) 53-56

Supplement publications and conference presentation:

- 1) **Azimi Nezhad M**, THE IMPACT OF SOCIOECONOMIC FACTORS ON THE PREVALENCE OF NEWLY IDENTIFIED HYPERTENSION IN AN IRANIAN POPULATION SAMPLE *Atherosclerosis Supplements, Volume 9, Issue 1, May 2008, Page 92.*
- 1) **Azimi Nezhad M**, M. Ghayour-Mobarhan, M. Parizadeh, M. Safarian, H. Esmaeili, G. Khodaei, J. Hosseini, Z. Abasalti, B. Hasankhany, G. Ferns SOCIOECONOMIC CONDITIONS AND TYPE 2 DIABETES IN THE KHORASAN PROVINCE OF IRAN *Atherosclerosis Supplements, Volume 8, Issue 1, June 2007, Page 124*
 - 2) M. Safarian, **Azimi Nezhad M**, M. Ghayour-Mobarhan, M. Rajabi-Moghaddam, A. Gholami, H. Esmaili THE BEST ANTHROPOMETRIC INDEX FOR PREDIC OF HYPERTENSION, DIABETES AND METABOLIC SYNDROME IN IRANIAN ADULT POPULATION, *Atherosclerosis Supplements, Volume 9, Issue 1, May 2008, Page 242*
 - 3) M. Ghayour-Mobarhan, **Azimi Nezhad M**, S.M. Kazemi Bajestani, M.R. Parizadeh, M. Safarian, H. Esmaeili, G. Khodaei, J. Hosseini, Z. Abasalti, A.R. Moosavi, G. Ferns COMPARING DIFFERENT DEFINITIONS OF METABOLIC SYNDROME IN IRANIAN POPULATION *Atherosclerosis Supplements, Volume 8, Issue 1, June 2007, Page 127*
 - 4) M. Ghayour-Mobarhan, H. Esmaeili, M. **Azimi Nezhad M**, A. Shapouri-Moghaddam, S. Parizadeh, M. Safarian, S. Kazemi-Bajestani, G. Khodaei, J. Hosseini, S. Parizadeh, G. Ferns THE RELATIONSHIP BETWEEN ESTABLISHED CORONARY RISK FACTORS AND SERUM COPPER AND ZINC CONCENTRATIONS IN A LARG PERSIAN POPULATION SAMPLE *Atherosclerosis Supplements, Volume 9, Issue 1, May 2008, Pages 136-137*
 - 5) M. Ebrahimi, M. Ghayour-Mobarhan, **Azimi Nezhad M**, M. Shakeri, A. Vejdani, S. Tavallaei, M. Akbarirad, S. Parizadeh, G.A. Ferns. DIETARY SUPPLEMENTATION OF OMEGA-3 REDUCED ANTIBODY TITERS TO HEAT SHOCK PROTEIN 27 IN METABOLIC SYNDROME SUBJECTS. *Atherosclerosis Supplements, Volume 9, Issue 1, May 2008, Page 138*
 - 6) **Azimi Nezhad M** Herbet B. Visvikis Siest. High prevalence of metabolic syndrome in Iran in comparison to France: What Are the Components That Explain This? *Clinical Biochemistry* 2011, 44(13); s65
 - 7) **Mohsen Azimi Nezhad**, Denyse Bagrel, Said El Shamieh, Daniel Lambert, Ndeye Coumba Ndiaye, Payman Shahabi, Sophie Visvikis-Siest. (2011) Functional genomics towards personalized healthcare and systems medicine. 5th Santorini Conference Santorini, Greece, September 2010
 - 8) A Saleh, MG Stathopoulou, **M Azimi-Nezhad**, NC Ndiaye, H Murray, C Masson, J Lamont, P Fitzgerald, S Visvikis-Siest. Vascular Endothelial Growth Factor linking angiogenesis, inflammation and cardiovascular diseases. 7th Santorini Conference Santorini, Greece, September 2014