

Curriculum vitae:

Name: Azita Zadeh-Vakili

Date of birth: June 28th, 1965.

Address: Endocrine Research Center, Research Institute for Endocrine Sciences, No.24
Arabi Ave, Daneshjoo Blvd, Velenjak'
Tehran, Iran.

Email address: azitavakili@endocrine.ac.ir, azitavakili@sbmu.ac.ir

Education Record:

Bachelor of Science: 1985-1989, on Cellular and Molecular Biology, Faculty of Science, Tehran University, Tehran, Iran.

Master of Science: 1990- 1993 On Human Genetics, Department of Genetics, Tehran University of Medical Sciences, Tehran, Iran.

Thesis: cytogenetics of Retinoblastoma:

A survey of Iranian patients. Under supervision of Dr. P. Mehdipour.

PhD: 1999-2004 on Biotechnology, Pasteur Institute of Iran. *Thesis: DNA vaccination of BALB/c mice against L.major with cysteine proteinases fusion gene (cpa/cpb). Under supervision of Dr. S. Rafati.*

Postgraduate Course on Prenatal Diagnosis of Thalassemia: 2004, Dr. Zeinali Medical Genetics Lab.

Professional activities:

Academic position: Associate Professor of Genetics, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences (Since 2009)

- Deputy Director for research in Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences (2013-2020)

- Associate Professor of Genetics, Genetics Department, Zahedan University of Medical Sciences (1994-2009)

- Head of Genetics department in Zahedan University of Medical Sciences (1994- 2009)

Others:

- Editor in Chief of Iranian Journal of Endocrinology & Metabolism (since Nov. 2013)
- Editor in Chief of International Journal of Endocrinology & Metabolism (since Nov. 2013).
- Member of research committee of Research Center for Congenital Hematologic Disorders, Shahid Beheshti University of Medical Sciences (Since 2012)
- Director of PND (Prenatal Diagnosis) center in Zahedan University of Medical Sciences (2004 - 2009)
- Member of National Committee for Prevention of Thalassemia (2004-2009)
- Scientific consultant for national prevention of thalassemia project in S&B province of Iran (2005-2007)

Teaching activities:

- Medical and Molecular Genetics for PhD candidates, Shahid Beheshti University of Medical Sciences, Research Institute For Endocrine Sciences since 2009.
- Medical Genetics, Zahedan University of Medical Sciences, Faculties of Medicine, Dentistry, Nursery and Health & Nutrition 1994- 2009.

Peer Reviewed Publications:

1. Rostami Dovom M., Noroozadeh M., Mosaffa N., Piryaei A., **Zadeh-Vakili A**, Aabdollahifar MA., Rahmati M., Farhadi-Azar M., Ramezani Tehrani F. *Maternal Exposure to D-galactose Reduces Ovarian Reserve in Female Rat Offspring Later in Life.* Int J Endocrinol Metab. 2022; 2 April; 20(2):e123206.
2. Zarkesh, M., Tabaei, K., Akbarzadeh, M., Daneshafrooz, **A.**, **Zadeh-Vakili.** *Association of miR-34a and miR-143 levels with PPAR γ gene expression in adipose tissues of non-diabetic adults.* J Physiol Anthropol . 2022 Apr 9;41(1):13.

3. **Zadeh-vakili A.**, Ramezani Tehrani F., Daneshian Z., Norooz Zadeh M., Zarkesh, M. Effect of Prenatal Hyperandrogenization on Expression of Adiponectin and its Receptors in Ovary and Granulosa Cells from the Rat Model of Polycystic Ovary. *Iranian Journal of Endocrinology and Metabolism*. 2021; 23 (2), 91-81.
4. Ali Asghar Mir Saeid Ghazi, Atieh Amouzegar, **Azita Zadeh-Vakili**, Abdolreza Sheikh Rezaei, Alireza Amirbaigloo, Marjan Zarif Yeganeh, Hasan Hashemi, Fereidoun Azizi. *Clinical and Laboratory Characteristics of a Large Iranian Kindred Afflicted with Von Hippel Lindau Disease*. *Int J Endocrinol Metab*. 2021; Mar 16;19(2):e105189.
5. A Fallah, H Estiri, E Parrish, M Soleimani, S Zeinali, **A Zadeh-Vakili**. *Biosimilar gene therapy: investigational assessment of secukinumab gene therapy*. *Cell J*. 2020; 21 (4): 433-443.
6. **A Zadeh-vakili**, Z Daneshian. *Epigenetic Regulation of Thermogenic Adipocytes Differentiation and Program: A New Approach to the Treatment of Obesity*. *Iranian Journal of Endocrinology and Metabolism*. 2019; 21 (3), 174-187.
7. Rostami Dovom, M., Noroozzadeh, M., Mosaffa, N., Zadeh-Vakili A. , Piryaeei, A., Ramezani Tehrani, F. *Induced premature ovarian insufficiency by using D galactose and its effects on reproductive profiles in small laboratory animals: A systematic review (Review)*. *Journal of Ovarian Research*. 2019; 12(1),96.
8. Chahardoli R, Saboor-Yaraghi AA, Amouzegar A, Khalili D, **Vakili AZ**, Azizi F. *Can Supplementation with Vitamin D Modify Thyroid Autoantibodies (Anti-TPO Ab, Anti-Tg Ab) and Thyroid Profile (T3, T4, TSH) in Hashimoto's Thyroiditis? A Double Blind, Randomized Clinical Trial*. *Horm Metab Res*. 2019 May;51(5):296-301. doi: 10.1055/a-0856-1044.

9. Ghasemi A, Bahadoran Z, **Zadeh-Vakili A**, Montazeri SA, Hosseinpanah F. *The Principles of Biomedical Scientific Writing: Materials and Methods*. Int J Endocrinol Metab. 2019 Jan 28;17(1):e88155. doi: 10.5812/ijem.88155.
10. Bahadoran Z, Mirmiran P, **Zadeh-Vakili A**, Hosseinpanah F, Ghasemi A. *The Principles of Biomedical Scientific Writing: Results*. Int J Endocrinol Metab. 2019 Apr 24;17(2):e92113. doi: 10.5812/ijem.92113.
11. Ghasemi A, Bahadoran Z, Mirmiran P, Hosseinpanah F, Shiva N, **Zadeh-Vakili A**. *The Principles of Biomedical Scientific Writing: Discussion*. Int J Endocrinol Metab. 2019 Jul 29;17(3):e95415. doi: 10.5812/ijem.95415.
12. Zarkesh M, **Zadeh-Vakili A**, Akbarzadeh M, Nozhat Z, Fanaei SA, Hedayati M, Azizi F. *BRAF V600E mutation and microRNAs are helpful in distinguishing papillary thyroid malignant lesions: Tissues and fine needle aspiration cytology cases*. Life Sci. 2019 Apr 15;223:166-173.
13. Azizi F, Takyar M, **Zadeh-Vakili A**. *Contributions and Implications of the Tehran Lipid and Glucose Study*. Int J Endocrinol Metab. 2018 Oct 31;16(4 Suppl):e84792.
14. Azizi F, **Zadeh-Vakili A**, Takyar M. *Review of Rationale, Design, and Initial Findings: Tehran Lipid and Glucose Study*. Int J Endocrinol Metab. 2018 Oct 22;16(4 Suppl):e84777.
15. Khalili D, Azizi F, Asgari S, **Zadeh-Vakili A**, Momenan AA, Ghanbarian A, Eskandari F, Sheikholeslami F, Hadaegh F. *Outcomes of a Longitudinal Population-based Cohort Study and Pragmatic Community Trial: Findings from 20 Years of the Tehran Lipid and Glucose Study*. Int J Endocrinol Metab. 2018 Oct 13;16(4 Suppl):e84748.
16. Daneshpour MS, Hedayati M, Sedaghati-Khayat B, Guity K, Zarkesh M, Akbarzadeh M, Javanrooh N, **Zadeh-Vakili A**, Azizi F. *Genetic Identification for*

- Non-Communicable Disease: Findings from 20 Years of the Tehran Lipid and Glucose Study*. *Int J Endocrinol Metab*. 2018 Oct 27;16(4 Suppl):e84744.
17. M Salehi Jahromi, **A Zadeh-Vakili**, F Ramezani Tehrani. *The Consequences of Prenatal Excess Androgen Exposure in Anatomy of the Reproductive System and Physiology*. *Iranian Journal of Endocrinology and Metabolism*. 2018; 19 (5), 357-369.
18. Zarkesh M, Zadeh-Vakili A, Akbarzadeh M, Fanaei SA, Hedayati M, Azizi F. *The role of matrix metalloproteinase-9 as a prognostic biomarker in papillary thyroid cancer*. *BMC Cancer*. 2018 Dec 3;18(1):1199. doi: 10.1186/s12885-018-5112-0.
19. Marziyeh Salehi Jahromia, Jennifer W. Hillb, Fahimeh Ramezani Tehrania, Azita **Zadeh-Vakili**. *Hypomethylation of specific CpG sites in the promoter region of steroidogenic genes (GATA6 and StAR) in prenatally androgenized rats*. *Life Sciences* 207 (2018) 105–109
20. Maryam Zarkesh, **Azita Zadeh-Vakili**, Fereidoun Azizi, S Ahmad Fanaei, Forough Foroughi, and Mehdi Hedayati. *The Association of BRAF V600E Mutation With Tissue Inhibitor of Metalloproteinase-3 Expression and Clinicopathological Features in Papillary Thyroid Cancer*. *Int J Endocrinol Metab*. 2018; 16(2):e56120.
21. Tarlan Varzandi, Mahammad Amin Abdollahifar, Seyed Ali Haeri Rohani, Abbas Piryaee, **Azita Zadeh-Vakili**, Sajad Jeddi, Asghar Ghasemi. *Effect of long-term nitrite administration on browning of white adipose tissue in type 2 diabetic rats: A stereological study*. *Life Sciences* 207 (2018) 219–226.
22. Zarkesh M, **Zadeh-Vakili A**, Azizi F, Foroughi F, Akhavan MM, Hedayati M. *Altered Epigenetic Mechanisms in Thyroid Cancer Subtypes*. *Mol Diagn Ther*. 2018 Feb;22(1):41-56. doi: 10.1007/s40291-017-0303-y.

23. Zeydabadi Nejad S, Ramezani Tehrani F, **Zadeh-Vakili A**. *The Role of Kisspeptin in Female Reproduction*. *Int J Endocrinol Metab*. 2017 Apr 22;15(3):e44337. doi: 10.5812/ijem.44337. eCollection 2017 Jul. Review.
24. Noroozzadeh M, Behboudi-Gandevani S, **Zadeh-Vakili A**, Ramezani Tehrani F. *Hormone-induced rat model of polycystic ovary syndrome: A systematic review*. *Life Sci*. 2017 Dec 15;191:259-272. doi: 10.1016/j.lfs.2017.10.020.
25. Mirmiran P, Bahadoran Z, Vakili AZ, Azizi F. Western dietary pattern increases risk of cardiovascular disease in Iranian adults: a prospective population-based study. *Appl Physiol Nutr Metab*. 2017 Mar;42(3):326-332.
26. Ghazi AA, **Zadeh-Vakili A**, Zarif Yeganeh M, Alamdari S, Amouzegar A, Khorsandi AA, Amirbaigloo A, Azizi F. *Hereditary Vitamin D Resistant Rickets: Clinical, Laboratory, and Genetic Characteristics of 2 Iranian Siblings*. **Int J Endocrinol Metab**. 2017 Jul 31;15(3):e12384. doi: 10.5812/ijem.12384. eCollection 2017 Jul.
27. Gholami H, Jeddi S, **Zadeh-Vakili A**, Farrokhfall K, Rouhollah F, Zarkesh M, Ghanbari M, Ghasemi A. *Transient Congenital Hypothyroidism Alters Gene Expression of Glucose Transporters and Impairs Glucose Sensing Apparatus in Young and Aged Offspring Rats*. *Cell Physiol Biochem*. 2017;43(6):2338-2352. doi: 10.1159/000484386. Epub 2017 Oct 27.
28. Noroozzadeh M, Behboudi-Gandevani S, **Zadeh-Vakili A**, Ramezani Tehrani F. *Hormone-induced rat model of polycystic ovary syndrome: A systematic review*. **Life Sci**. 2017 Dec 15;191:259-272. doi: 10.1016/j.lfs.2017.10.020. Epub 2017 Oct 18. Review.

29. Salehi Jahromi M, Ramezani Tehrani F, Hill JW, Noroozadeh M, Zarkesh M, Ghasemi A, **Zadeh-Vakili A**. *Alteration in follistatin gene expression detected in prenatally androgenized rats*. Gynecol Endocrinol. 2017 Jun; 33(6):433-437.
30. Mirmiran P, Bahadoran Z, Khalili Moghadam S, **Zadeh Vakili A**, Azizi F. *A Prospective Study of Different Types of Dietary Fiber and Risk of Cardiovascular Disease: Tehran Lipid and Glucose Study*. Nutrients. 2016 Nov 7; 8(11).
31. Jahromi MS, Tehrani FR, Noroozadeh M, Zarkesh M, Ghasemi A, **Zadeh-Vakili A**. *Elevated expression of steroidogenesis pathway genes; CYP17, GATA6 and StAR in prenatally androgenized rats*. Gene. 2016 Nov 15;593(1):167-71.
32. Jeddi S, Zaman J, **Zadeh-Vakili A**, Zarkesh M, Ghasemi A. *Involvement of inducible nitric oxide synthase in the loss of cardioprotection by ischemic postconditioning in hypothyroid rats*. Gene. 2016 Apr 15;580(2):169-76.
33. Yuzbashian E, Asghari G, Mirmiran P, **Zadeh-Vakili A**, Azizi F. *Sugar-sweetened beverage consumption and risk of incident chronic kidney disease: Tehran lipid and glucose study*. Nephrology (Carlton). 2016 Jul;21(7):608-16.
34. Golzarand M, Bahadoran Z, Mirmiran P, **Zadeh-Vakili A**, Azizi F. *Consumption of nitrate-containing vegetables is inversely associated with hypertension in adults: a prospective investigation from the Tehran Lipid and Glucose Study*. J Nephrol. 2016 Jun;29(3):377-384.
35. M Salehi Jahromi, F Ramezani Tehrani, **A Zadeh-Vakili**. *The Effects of Prenatal Excess Androgens Exposure on the Gene Expression*. Iranian Journal of Endocrinology and Metabolism. 2016, 18 (4), 303-313.

36. Tehrani FR, Zarkesh M, Tohidi M, Azizi F, **Zadeh-Vakili A**. *Is the association between insulin resistance and diabetogenic haematopoietically expressed homeobox (HHEX) polymorphism (rs1111875) affected by polycystic ovary syndrome status?* *Reprod Fertil Dev*. 2015 Nov 13. doi: 10.1071/RD15157.
37. Zahra Daneshian, Fahimeh Ramezani Tehrani, Maryam Zarkesh, Mahsa Norooz Zadeh, Reza Mahdian, **Azita Zadeh-Vakili**. *Antimullerian Hormone and Its Receptor Gene Expression in Prenatally Androgenized Female Rats*. *International Journal of Endocrinology & Metabolism*. 2015;13(1):e25728.
38. Ebrahim Miri-Moghaddam, **Azita Zadeh-Vakili**, Abbas Nikravesh, Shohreh Sanei Sistani, Mehrnaz Naroie-Nejad. *Sistani population: a different spectrum of β -thalassemia mutations from other ethnic groups of Iran*. *Hemoglobin*. 2013; 37(2): 138–147.
39. **Azita Zadeh-Vakili**, Fahimeh Ramezani Tehrani, Maryam Sadat Daneshpour, Maryam Zarkesh, Navid Saadat, Fereidoun Azizi. *Genetic polymorphism of vitamin D receptor gene affects the phenotype of PCOS*. *Gene* 2013; 515: 193–196.
40. Miri-Moghaddam E, **Zadeh-Vakili A**. *Profile of β -Thalassemia and its Prenatal Diagnosis in Khorasan-E-Jonobi Province, Iran*. *Hemoglobin*. 2012;36(5):456-63.
41. **Azita Zadeh Vakili**, Bita Faam, Maryam S. Daneshpour, Mehdi Hedayati, Fereidoun Azizi. *Association of CD36 Gene Variants and Metabolic Syndrome in Iranians*. *Genet Test Mol Biomarkers*. 2012 Apr;16(4):234-8.
42. Alireza Nakhaee, Saeedeh Salimi, **Azita Zadehvakili**, Soroush Dabiri, Mehrangiz Noora, Mahnaz Rezaei, Ebrahim Miri-Moghadda: *The Prevalence of Mediterranean Mutation of Glucose-6-Phosphate Dehydrogenase (G6PD) in Zahedan*. *Zahedan J Res Med Sci*. 2012; 14(3): 39-43.

43. F Ramezani Tehrani, **A Zadeh Vakili**, S Hashemi, A Amozgar. *Associations between hormonal profiles of urban Iranian women of reproductive age: A community based study of four provinces*. Iranian Journal of Endocrinology and Metabolism. 2012, 14 (1), 32-38.
44. **Zadeh-Vakili A**, Tehrani FR, Hosseinpanah F. *Waist circumference and insulin resistance: a community based cross sectional study on reproductive aged Iranian women*. Diabetol Metab Syndr. 2011 Aug 10;3:18.
45. Miri-Moghaddam E, **Zadeh-Vakili A**, Rouhani Z, Naderi M, Eshghi P, Khazaei Feizabad A. *Molecular basis and prenatal diagnosis of β -thalassemia among Balouch population in Iran*. Prenat Diagn. 2011; 31(8):788-91.
46. Farkhondeh Behjati, Saghar Ghasemi Firouzabadi, Kimia Kahrizi, Roxana Kariminejad, Iman Bagherizadeh, Javad Ansari, Masoumeh Fallah, Forough Mojtahedi, Hossein Darvish, Gholamreza Bahrami Monajemi, S. Sedigheh Abedini, Payman Jamali, Faezeh Mojahedi, **Azita Zadeh-Vakili**, Hossein Najmabadi. *Chromosome abnormality rate among Iranian patients with idiopathic mental retardation from consanguineous marriages*. Arch Med Sci . 2011; 7(4): 541-545.
47. **Azita Zadeh-Vakili**, Payman Eshghi. *Detection of a rare mutation in an Iranian family: codons 37/38/39 (7 bp deletion)*. Hemoglobin. 2009;33(6):523-7.
48. Fallah MS, **Zadeh-Vakili A**, Aleyasin SA, Mahdian R, Karimipour M, Raeisi M, Jamali S, Ebrahimi A, Fooladi P, Naderi M, Baysal E, Zeinali S. *Molecular characterization of thalassemia intermedia, due to co-inheritance of homozygous alpha triplication and IVSI-5 beta-thalassemia*. Blood Cells Mol Dis. 2009; 43(2):158-60.

49. -Eshghi P, **Zadeh-Vakili A**, Rashidi A, Miri-Moghadam E. *An unusually frequent beta-thalassemia mutation in an Iranian Province*. Hemoglobin. 2008;32(4):387-92.
50. -Eshghi P, Rashidi A, **Zadeh-Vakili A**, Miri-Moghadam E. *Hematological phenotype of the IVS-I-5 (G > C) beta-thalassemia mutation and assessment of Iran's national screening criteria*. Hemoglobin. 2008;32(5):440-5.
51. -Trinh CH, Sh Elsayed W, Eshghi P, Miri-Moghaddam E, **Zadeh-Vakili A**, Markham AF, Anwar R. *Molecular analysis of sixteen unrelated factor XIIIa deficient families from south-east of Iran*. Br J Haematol. 2008 Mar;140(5):581-4.
52. -**Zadeh-Vakili A**, Eshghi P, Rastegar Lari Gh. *Efficiency of BclI restriction fragment length polymorphism for detection of hemophilia A carriers in Sistan and Baluchestan province in southeast of Iran*. IJMS. 2008;33(1):33-36.
53. **Azita Zadeh-Vakili**, Tahereh Taheri, Yasaman Taslimi, Fatemeh Doustdari, Ali-Hatef Salmanian and Sima Rafati: *Bivalent DNA vaccination with genes encoding Leishmania major cysteine proteinases type I and II protects mice against infectious challenge*. Iranian Journal of Biotechnology 2004;2:35-43.
54. **Azita Zadeh-Vakili**, Tahereh Taheri, Yasaman Taslimi, Fatemeh Doustdari, Ali-Hatef Salmanian and Sima Rafati: *Immunization with the hybrid protein vaccine consisting of Leishmania major cysteine proteinases Type I (CPB) and Type II (CPA), partially protect against Leishmaniasis*. Vaccine 2004;22:1930-1940.

۱. دکتر فهیمه رضانی تهرانی، دکتر آزیتا زاده وکیلی، سمیه هاشمی، دکتر عطیه آموزگار، دکتر فریدون

عزیزی: تستوسترون، گلوبولین متصل شونده به هورمونهای جنسی، هورمون محرک تیروئید، پرولاکتین و

شاخصهای سندرم متابولیک، مطالعه‌ی مبتنی بر جمعیت روی زنان سنین باروری ساکن مناطق شهری چهار

- استان منتخب کشور. **مجله غدد درون ریز و متابولیسم ایران** دانشگاه علوم پزشکی و خدمات بهداشتی -
درمانی شهید بهشتی دوره چهاردهم، شماره ۱، صفحه های ۳۸-۳۲ اردیبهشت ۱۳۹۱
۲. دکتر فریدون عزیزی ، **دکتر آزیتا زاده وکیلی**: پیوند سلولی برای درمان بیماری دیابت. **مجله غدد درون ریز و متابولیسم ایران** دانشگاه علوم پزشکی و خدمات بهداشتی - درمانی شهید بهشتی دوره شانزدهم، شماره ۱ ، صفحه های ۱- ۵ فروردین - اردیبهشت ۱۳۹۳
۳. مریم زرکش ،مهدی تقدسی ،فریدون عزیزی ،**آزیتا زاده وکیلی** ،مهدی هدایتی: اهمیت تغییرات اپی ژنتیک در بروز سرطان تیروئید و کاربرد درمانی این تغییرات. **مجله علوم پزشکی مدرس**: آسیب شناسی زیستی، دوره ۱۷، شماره ۳، پاییز ۱۳۹۳، صفحات ۱-۲۴
۴. مهسا نوروززاده ،فهمیه رضانی تهرانی ،**آزیتا زاده وکیلی** ،عباس پیریایی ،فریدون عزیزی: اثر تزریق داخل رحمی آندروژن بر سیستم تولید مثلی و تغییرات هورمونی در زاده های ماده بالغ موش های صحرایی. **مجله فیزیولوژی و فارماکولوژی ایران** ۱ (۲)، ۷۶-۶۸ تابستان ۱۳۹۴

Presentations:

1- M Zarkesh, Z Nozhat, A Zadeh-Vakili, A Fanaei, M Akbarzadeh, A Daneshafrooz, M Hedayati, F Azizi.

- Correlation status of BRAF V600E mutation and miR-137 and miR-181b expression in Iranian PTC patients. **51st European Society of Human Genetics Conference Jul (2019). Gothenburg, Sweden.**

2- Emad Yuzbashian; Maryam Zarkesh; Golaleh Asghari; Behnaz Mahmoodi; Mehdi Hedayati; Azitah Zadeh-Vakili; Parvin Mirmiran; Alireza Khalaj; Afsoon Daneshafrooz; Mohammad Safarian.

- Association of PPAR gamma gene expression with dietary intake of fat and oil among

non-diabetic subjects. **IUNS 21st ICN International Congress of Nutrition (2017).**
Buenos Aires. Argentina.

3- Maryam Zarkesh, Mehdi Hedayati, **Azita Zadeh-Vakili**, Afsoon Daneshafrooz, S Adeleh Razavi, S-Ahmad Fanaei, Forough Foroughi, Fereidoun Azizi.

- Association of TIMP-3 expression and BRAF V600E mutation status in papillary thyroid cancer. **The 19th European Congress of Endocrinology(2017). Lisbon, Portugal.**

4- **A Zadeh-Vakili**, F Ramezani Tehrani, M Zarkesh, M Tohidi, F Azizi.

- The association between insulin resistance and diabetogenic polymorphism is highly influenced by PCOS status. **The 10th International Congress of Endocrine Disorders(2014). Tehran, Iran.**

5- Zahra Daneshian, Fahimeh Ramezani-Tehrani, Maryam Zarkesh, Mahsa Norooz-Zadeh, Reza Mahdian, **Azita Zadeh-Vakili**

- Antimullerian hormone and its receptor gene expression in prenatally androgenized female rats. **First International and 13th Iranian Genetics Congress (2014). Tehran, Iran.**

6- Zahra Daneshian, **Azita Zadeh Vakili**, Maryam Zarkesh, Fahimeh Ramezani Tehrani, Mahsa Norooz-Zadeh.

- The evaluation of adiponectin and its receptors (AdipoR1 and AdipoR2) genes expression in rat polycystic ovary syndrome models. **European Human Genetics Conference (2014). Milan, Italy.**

7- **Azita Zadeh Vakili**, Bitaa Faam, Maryam S. Daneshpour, Mehdi Hedayati, Fereidoun Azizi

- Variants of the CD36 gene and metabolic syndrome in Iranians. **European Human Genetics Conference (2011). Amsterdam, the Netherlands.**

8- Fahimeh Ramezani Tehrani, **Azita Zadeh-Vakili**, Maryam Sadat Daneshpour, Fereidoun Azizi

- Genetic polymorphisms and their associations with PCOS severity: The VDR gene variant. **The 9th International Congress of Endocrine Disorders(2011). Tehran, Iran.**

9- Azita Zadeh-Vakili.

- Recent progress in genetics of diabetes mellitus type 2 and obesity- a review. **2nd International congress of metabolic syndrome, obesity and diabetes(2010). Zanjan, Iran .**

10- Zadeh-Vakili A, Zeinali S.

- High prevalence of α -globin gene deletions in subjects from southeast of Iran with abnormal hematological indices and normal A₂.

10th International Congress on Thalassemia & Haemoglobinopathies (2008). Singapore.

11- **Zadeh-Vakili A**, Miri-Moghaddam E, Narouie Nejad M, Shahsavani M, Roostae J, Jafari S, Zeinali S.

- Prenatal Diagnosis of β -thalassemia in southeast of Iran. **The 1st International Congress on Health Genomics and Biotechnology (2007). Tehran, Iran.**

12- Darvish H, Bahrami G, Mohseni M, Firouzabadi S, Rakhshani F, **Zadeh-Vakili A**, Naghavi A, Behjati F.

- Investigation of six mental retardation loci(MCPH 1MCPH2, MCPH3, MCPH4, MCPH5 and MCPH6) associated with microcephaly in southeast & northeast of Iran. **The 1^s International Congress on Health Genomics and Biotechnology (2007). Tehran, Iran.**

13- Zadeh-Vakili A.

- Genetic counselling and prevention of Duchenne muscular dystrophy. **5th Iranian congress of child neurology (2006). Zahedan, Iran.**

15- Peyman Eshghi, Ebrahim M. Moghadam, **Azita z. Vakili.**

- Hematological value in heterozygotes for the IVS I-5 G>C (β^0) as the most common type of beta thalassemia mutation in south east of Iran.

**12th International congress on thalassemia and hemoglobinopathies (2006).
Dubai, United Arab Emirates.**

16- Zadeh-Vakili A, Payman Eshghi , Ghassem Rastegar Lari.

- Efficiency of *BclI* restriction fragment length polymorphism for detection of hemophilia A carriers in Sistan and Baluchestan province in southeast of Iran.
Hemophilia 2006 World congress, Vancouver, Canada.

17- Zadeh- Vakili A.

- The first report of 619 bp deletion mutation in Iran, identified due to its association with Hemoglobin D-Punjab in a Baloch family.

4th Congress of Iranian Pediatric Hematology & Oncology(2006). Kerman, Iran.

18- **Azita Zadeh-Vakili,** Tahereh Taheri, Yasaman Taslimi, Fatemeh Doustdari, Ali-Hatef Salmanian and Sima Rafati.

- Immunization with the hybrid protein vaccine consisting of *Leishmania major* cysteine proteinases Type I (CPB) and Type II (CPA), partially protect against Leishmaniasis.

12th International congress of immunology (2004). Montreal ,Canada

19- Taheri T, **Zadeh-Vakili A,** Doustdari F, Taslimi Y, Salmanian AH, Rafati S.

- Bivalent DNA vaccination with genes encoding *Leishmania major* cysteine proteinases type I and II protects mice against infectious challenge. **The 4th International**

Congress of Immunology (2004). Montréal, Canada.

20- Azita Zadeh-Vakili, Tahereh Taheri, Yasaman Taslimi, Fatemeh Doustdari,
Ali-Hatef Salmanian and Sima Rafati.

- Partial protection against *Leishmania major* with a bivalent DNA vaccine consisting of cysteine proteinases type I and II. **3rd Iranian national congress of biotechnology (2004). Mashhad, Iran.**