Zohreh Rahimi, Professor of Clinical Biochemistry at Clinical Biochemistry Department, Kermanshah University of Medical Sciences, Kermanshah, Iran

Date of preparing CV: Sep. 2018

Gender: Female

Citizenship: Iran

Address, Telephone Number, and Email:

Office:

1. Department of Clinical Biochemistry, Medical School, Daneshgah Avenue, Kermanshah, Iran.

2. Medical Biology Research Center, Daneshgah Avenue, Kermanshah, Iran.

Telephone number: 0098-833-4274882

Email: zrahimi @ kums.ac.ir rahimizus@yahoo.com

Present Position:

Professor and Head of Clinical Biochemistry Department

Senior Researcher

Vice Chancellor of Research, Medical School, Kermanshah University of Medical Sciences

Education:

Undergraduate: BSc., Biology, Ferdowsi University, Mashad, Iran (1985-1989)

Graduate: MSc. of Clinical Biochemistry (With distinction),

Isfahan University of Medical Sciences, Isfahan, Iran (1991-1994)

Postgraduate: PhD. of Clinical Biochemistry (With distinction), Shiraz University of Medical Sciences, Shiraz, Iran (1999-2004)

Honors and Awards:

1. Top PhD student, 2002, Shiraz University of Medical Sciences, Shiraz

2. The best PhD student introduced to the Ministry of Health and Medical Education,

2003, Shiraz University of Medical Sciences, Shiraz

3. The top researcher, 2005, Kermanshah University of Medical Sciences, Kermanshah

4. The top researcher, 2006, Kermanshah University of Medical Sciences, Kermanshah

5. The top researcher, 2007, Kermanshah University of Medical Sciences, Kermanshah

6. The senior lecturer introduced to the Ministry of Health and Medical Education, 2007, Kermanshah University of Medical Sciences, Kermanshah

7. The top researcher, 2008, Kermanshah University of Medical Sciences, Kermanshah

8. The top researcher, 2009, Kermanshah University of Medical Sciences, Kermanshah

10. The top lecturer, 2009, Kermanshah University of Medical Sciences, Kermanshah

11. The top researcher, 2010, Kermanshah University of Medical Sciences, Kermanshah

12. The top researcher, 2011, Kermanshah University of Medical Sciences, Kermanshah

13. The top researcher, 2012, Kermanshah University of Medical Sciences, Kermanshah

14. The top researcher, 2013, Kermanshah University of Medical Sciences, Kermanshah

15. The top researcher, 2014, Kermanshah University of Medical Sciences, Kermanshah

16. The top researcher, 2015, Kermanshah University of Medical Sciences, Kermanshah

17. The top researcher, 2016, Kermanshah University of Medical Sciences, Kermanshah

18. The top researcher, 2017, Kermanshah University of Medical Sciences, Kermanshah

19. The top researcher, 2018, Kermanshah University of Medical Sciences, Kermanshah

20. The best Teacher (lecturer) 2019, Kermanshah University of Medical Sciences, Kermanshah

Editorial Board Member

1. International Journal of Medical Genetics

2. J Ren Inj Prev

3. World Journal of Biological Chemistry

4. Journal of Kermanshah University of Medical Sciences

Reviewer

1. Clinica chimica Acta, 2006-

2. Clinical Biochemistry, 2006

3. Human Biology, 2006

4. International Journal Laboratory Hematology, 2008-

5. Molecular Biology Reports, 2008-

6. Acta Haematologica, 2009-

7. Achieves of Medical Research, 2009-

8. J Pediatrics Hematol Oncol, 2009

9. J Expert Review of Proteomics, 2010

10. J BMC Blood Disorders, 2010-

11. Iranian J Biotechnology, 2010-

12. Metabolism, 2010-

13. DNA and Cell Biology 2011-

14. Sexual Medicine 2011-

15. Disease Markers 2011-

16. BMC Research Notes 2011-

17. Neurology India 2012-

18-Cardiovascular Diabetology 2012-

19. Nephrology 2012-

20. J Renin Angiotensin Aldosterone 2012-

21. Am J Hum Biol 2011-

22. Biomarkers Med 2012-

23. BioMed Res Int 2013-

24. Archives of Gynecology and Obstetrics 2013-

25. Journal of Kermanshah University of Medical Sciences, Iran, 2004-

26. Sci Rep 2016-

27. Genet Test Mol Biomarkers 2015-2016

28. Clinical and Experimental Hypertension. 2016-

29. Hypertension in Pregnancy. 2017-

30. Advances in Medical Sciences: 2017-

31. Advances in Medical Research: 2018-

Research Experience

Research on molecular genetics of sickle cell disease, α and β-thalassemia using advanced molecular genetics techniques including Denaturing Gradient Gel

Electrophoresis (DGGE), Reverse Dot Blot (RDW), and Sequencing, laboratories of U763, INSERM, University of Paris 7, France (7 months, 2003).

h-index: 28

Publications

1. Rahimi Z, Karimi M, Haghshenass M, Merat A. Beta-globin gene cluster haplotypes in sickle cell patients from southwest Iran. **Am J Hematol**. 2003 74:156-60.

2. Bahrami G, **Rahimi Z**. Fatty acid composition of human milk in Western Iran. **Eur J Clin Nutr**.2005Apr;59(4)494-7.

3. Rahimi Z, Merat A, Akhzari M, Haghshenass M, Nagel RL, Gerard N, Krishnamoorthy R. β-Globin Gene Cluster Haplotypes in Iranian Patients with β-Thalassemia. **International J Hematol Oncol**. 2005; 2 (6): 30-34

4. Rahimi Z, Merat A, Haghshenass M, Madani H, Rezaei M, Nagel RL. Plasma lipids in Iranians with sickle cell disease: hypocholesterolemia in sickle cell anemia and increase of HDL-cholesterol in sickle cell trait. **Clin Chim Acta**. 2006;365(1-2):217-20.

5. Rahimi Z, Akramipour R, Nagel RL, Ahmadi AS, Merat A, Bahrehmand F. The beta-globin gene haplotypes associated with Hb D-Los Angeles [beta121(GH4)Glu --> Gln] in Western Iran. **Hemoglobin**. 2006;30(1):39-44

6. Rahimi Z, Akramipour R, Korani S, Nagel RL. Hb D-Punjab [beta 121 (GH4) Glu-->Gln]/beta(0)-thalassemia [IVSII.1(G-->A)] in two cases from an Iranian family: First report. **Am J Hematol**. 2006 ;81(4):302-3.

7. Bahrami G, Ganbarian L, Masoumi M, **Rahimi Z**, Rezwan Madani F. Comparison of fatty acid profiles of aorta and internal mammary arteries in patients with coronary artery disease. **Clin Chim Acta**. 2006;370:143-146

8. 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; 31:70-73

9. 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, Mol Dis** 2006;37:91-94

10. Vaisi Raygani A, **Rahimi Z**, Kharazi H, Tavilani H, Pourmotabbed T. Association between apolipoprotein E polymorphism and serum lipid and apolipoprotein levels with Alzheimer's disease. **Neuroscience lett**. 2006;408:68-72

11. Rahimi Z, Merat A, Gerard N, Krishnamoorthy R, Nagel RL. Implications of the genetic epidemiology of globin haplotypes linked to the sickle gene in Southern Iran. **Hum Biol**. 2006;78:719-731.

12. Rahimi Z, Akramipour R, Vaisi-Raygani A, Nagel RL, Muniz A. An Iranian Child with HbQ-Iran [α75 (EF4) Asp→His] /-$\alpha^{3.7kb}$/ IVSII.1 G→A: First Report. **J Pediatr Hematol Oncol**. 2007; 29:649-651.

13. Vaisi Raygani A, **Rahimi Z,** Kharrazi H, Tavilani H, Pourmotabbed T. Determination of butyrylcholinesterase (BCHE) phenotypes to predict the risk of prolonged apnea in

persons receiving succinylcholine in healthy population of Western Iran. **Clin Biochem.** 2007;40:629-633

14. Vaisi- Raygani A; **Rahimi Z**, Nomani H, Tavilani H, Pourmotabbed T. The presence of apolipoprotein ε4 and ε2 alleles augments the risk of coronary artery disease in Type 2 diabetic patients. **Clin Biochem**. 2007; 40:1150-1156.

15. Vaisi-Raygani A, **Rahimi Z**, Entezami H, Kharrazi H, Bahrhemand F, Tavilani H, Rzaei M, Kiani A, Nomanpour B, Poumotabbed T. Butyrylcholinesterase K variants increase the risk of coronary artery disease in the population of western Iran. **Scand J Clin Lab Invest**. 2007; 12:1-11

16. Rahimi Z, Vaisi-Raygani A, Merat A, Haghshenass M, Rezaei M. .Level of Hb F and $^{G}\gamma$ gene expression in sickle cell disease and their association with haplotype and XmnI polymorphic site in South of Iran. **Ir J Med Sci.** 2007, 32 (4): 234-239.

17. Vaisi-Raygani A, Kharrazi H, **Rahimi Z**, Pourmotaabed T. Frequencies of Apolipoprotein E Polymorphism in Healthy Kurdish Population from Kermanshah, Iran. **Hum Biol**. 2007,79:579-587.

18. 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**. 2008, 25: 280-283.

19. 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**. 2008, 25: 288-292.

20. **Rahimi Z**, Rezaei M, Nagel RL, Muniz A. Molecular and hematological analysis of Hb Q-Iran and Hb Setif in Iranian families. **Arch Iran Med**. 2008,11:382-386.

21. Vaisi-Raygani A, **Rahimi Z**, Pourmotaabed A. Antioxidant defense in patients with Alzheimer disease. **Acta Medica Iranica**. 2008, 46:11-16.

22. 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, Iran. **East Med Health J**. 2008,14:978-979.

23. Rahimi Z, Ghaderi M, Nagel RL, Muniz A. Prevalence of thrombotic risk factors among β-thalassemia patients from Western Iran. **J Thromb Thrombolysis.** 2008,26:229-233.

24. Rahimi Z, Nomani H, Mozafari H, Vaisi-Raygani, Madani H, Malek-Khosravi Sh, Parsian A. 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**. 2009,20:252-256.

25. Akramipour R, Rezaei M, **Rahimi Z**, Prevalence of iron deficiency anemia among adolescent school girls from Kermanshah, Western Iran**. Hematology**. 2008, 13:352-355.

26. Akramipour R, Zargooshi J, **Rahimi Z**. Infant with concomitant presence of hernia/hydrocele and primary paratesticular neuroblastoma: a diagnostic and therapeutic challenge**. J Pediatr Hematol Oncol**. 2009, 31:349.

27. Kharrazi H, Vaisi Raygani A, **Rahimi Z**, Tavilani H, Amminian M, Pourmotabbed T. Association between enzymatic and non enzymatic antioxidant defense mechanism with apolipoprotein E genotypes in Alzheimer disease. **Clin Biochem**. 2008,41:932-936.

28. Rahimi Z, Muniz A, Akramipour R, Tofieghzadeh F, Mozafari H, Vaisi-Raygani A, Parsian A. Haplotype analysis of beta thalassemia in Western Iran. **Blood Cells Mol &Dis**. 2009, 42:140-143

29. Bahrami G, Masoumi M, **Rahimi Z**. Co-existence of fatty acids changes in aorta artery and adipose tissue; comparison between CAD and non CAD patients. **J Thromb Thrombolysis.** 2009; 27: 185-190.

30. 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. **Clin Biochem**. 2009,42:210-214.

31. Mozafari H, **Rahimi Z**, Heidarpour A, Fallahi M, Muniz A. The prevalence of factor V Leiden, prothrombin G20210A and methylenetetrahydrofolate reductase C677T among G6PD deficient individuals from Western Iran. **Mol Biol Rep**. 2009, 36: 2361-2364.

32. Rahimi Z, Muniz A, Mozafari H. Abnormal Hemoglobins among Kurdish Population of Western Iran: Hematological and Molecular Features**. Mol Biol Rep**. 2010; 37: 51-57.

33. Rahimi Z, Mozafari H, Amiri Bigvand AH, Doulabi RM, Vaisi-Raygani A, Afshari D, Razazian N, Rezaei M. Cerebral Venous and Sinus Thrombosis and Thrombophilic Mutations in Western Iran: Association with Factor V Leiden. **Clin Appl Thromb Hemost**. 2010; 16: 430-434

34. Rahimi Z, Muniz A, Parsian A. Detection of responsible mutations for beta thalassemia in the Kermanshah Province of Iran using PCR-based techniques. **Mol Biol Rep**. 2010; 37: 149-154.

35. Nemati H, **Rahimi Z**, Bahrami G. The Xmn1 polymorphic site 5' to the $^{G}\gamma$ gene and its correlation to the $^{G}\gamma$:$^{A}\gamma$ ratio, age at first blood transfusion and clinical features in β-thalassemia patients from Western Iran. **Mol Biol Rep**. 2010; 37: 159-164

36. Rahimi Z, Mozafari H, Shariari-Ahmadi A, Alimogaddam K, Ghavamzadeh A, Aznab M, Mansouri K, Rezaei M, Parsian A. Deep venous thrombosis and thrombophilic mutations in Western Iran: Association with factor V Leiden. **Blood Coagul Fibrinolysis**. 2010; 21: 385-388

37. Vaisi-Raygani A, **Rahimi Z**, Tavilani H, Pourmotaabed A. Butyrylcholinesterase K variant and the APOE-epsilon4 allele work in synergy to increase the risk of coronary artery disease especially in diabetic patients. **Mol Biol Rep**. 2010; 37: 2083-2091

38. Nemati H, Bahrami G, **Rahimi Z**. Rapid separation of human globin chains in normal and thalassemia patients by RP-HPLC. **Mol Biol Rep.** 2011; 38: 3213-3218

39. **Rahimi Z**, Vaisi-Raygani A, Pourmotaabed T. Association between apolipoprotein ε4 allele, factor V Leiden, and plasma lipid and lipoprotein levels with sickle cell disease in Southern Iran. **Mol Biol Rep.** 2011; 38: 703-710

40. Rahimi M, Hasanvand A, **Rahimi Z**, Vaisi-Raygani A, Mozafari H, Rezaei M, Zargooshi J, Najafi F, Shakiba E. Synergistic Effects of the MTHFR C677T and A1298C polymorphisms on the increase risk of micro- and macro-albuminuria and progression of diabetic nephropathy among Iranians with type 2 diabetes mellitus. **Clin Biochem**. 2010; 43: 1333-1339.

41. Vaisi-Raygani A, Ghaneialvar H, **Rahimi Z**, Nomani H, Saiedi M, Bahrehmand F, Tavilani H, Pourmotabbed T. The angiotensin converting enzyme D allele is an

independent risk factor for early onset coronary artery disease. **Clin Biochem**. 2010; 43: 1189-1194.

42. Felehgari V, **Rahimi Z**, Mozafari H, Vaisi-Raygani A. ACE gene polymorphism and serum ACE activity in Iranians type II diabetic patients with macroalbuminuria. **Mol Cell Biochem**. 2011; 346: 23-30

43. Rahimi Z, Felehgari V, Rahimi M, Mozafari H, Yari K, Vaisi-Raygani A, Rezaei M, Malek-Khosravi Sh, Khazaie H. The frequency of factor V Leiden mutation, ACE gene polymorphism, serum ACE activity and response to ACE inhibitor and angiotensin II receptor antagonist drugs in Iranians type II diabetic patients with microalbuminuria. **Mol Biol Rep**. 2011; 38: 2117-2123

44. Madani H, **Rahimi Z**, Manavi-Shad M, Mozafari H, Akramipour R, Vaisi-Raygani A, Rezaei M, Malek-Khosravi Sh, Shakiba E, Parsian A**.** Plasma Lipids and Lipoproteins in Children and Young Adults with Major β-Thalassemia from Western Iran: Influence of Genotype. **Mol Biol Rep**. 2011; 38: 2573-2578

46. Rahimi Z, Ahmadian Z, Akramipour R, Madani H, Mozafari H, Vaisi-Raygani A, Shahriari-Ahmadi A. Thymidilate synthase and methionine synthase polymorphisms in children with acute lymphoblastic leukemia in Western Iran. **International J Hematol Oncol & Stem Cell Res** 2010: 4: 9-12

47. Jafari Y, **Rahimi Z**, Vaisi-Raygani A, Rezaei M. Interaction of eNOS polymorphism with MTHFR variants increase the risk of diabetic nephropathy and its progression in type 2 diabetes mellitus patients**. Mol Cell Biochem.** 2011; 353: 23-34.

48. Vaisi-Raygani A, Ghaneialvar H, **Rahimi Z**, Tavilani H, Pourmotabbed T, Shakiba E, Vaisi-Raygani A, Kiani A, Aminian M, Alibakhshi R, Bartels C. Paraoxonase Arg 192

allele is an independent risk factor for three-vessel stenosis of coronary artery disease. **Mol Biol Rep**. 2011;38:5421-5428.

49. Rahimi Z, Nourozi-Rad A. Association of endothelial nitric oxide synthase gene variant (G894T) with coronary artery disease in Western Iran. **Angiology**. 2012; 63:131-137.

50. Nomani H, Mozafari H, Ghobadloo SM, **Rahimi Z**, Raygani AV, Rahimi MA, Haghi AF, Keshavarz AA. The association between GSTT1, M1, and P1 polymorphisms with coronary artery disease in Western Iran. **Mol Cell Biochem**. 2011; 354: 181-187.

51. Saedi M, Vaisi-Raygani A, Khaghani S, Shariftabrizi A, Rezaie M, Pasalar P. **Rahimi Z**, Pourmotabbed T. Matrix metalloproteinas-9 functional promoter polymorphism 1562C>T increased risk of early-onset coronary artery disease. **Mol Biol Rep**. 2012;39:555-562

52. Rahimi Z, Parsian A. Sickle cell disease and venous thromboembolism. **Mediterr J Hematol Infect Dis**. **2011; 3: e2011024 DOI 10.4084**

53. Rahimi Z, Ahmadian Z, Akramipour R, Vaisi-Raygani A, Rahimi Z, Parsian A. Thymidylate synthase and methionine synthase polymorphisms are not associated with susceptibility to childhood acute lymphoblastic leukemia in Kurdish population from Western Iran. **Mol Biol Rep**. 2012;39:2195-2200.

54. Rahimi Z, Hasanvand A, Fellehgary V. Interaction of MTHFR 1298C with **ACE** D allele augments the risk of diabetic nephropathy in Western Iran. **DNA Cell Biol**. 2012; 31; 553-559.

55. Rahimi Z, Nourozi-Rad R, Vaisi-Raygani A, Saidi MR, Rahimi Z, Ahmadi R, Yarani R, Hamzehee K, Parsian A. Association between cholesteryl ester transfer protein TaqIB

variants and risk of coronary artery disease and diabetes mellitus in the population of Western Iran. **Genet Test Mol Biomarkers.** 2011;15;813-819.

56. Azhar MA, **Rahimi Z**, Vaisi-Raygani MA, Akramipour R, Madani H, Rahimi Z, Parsian A. Lack of association between MTHFR C677T and A1298C polymorphisms and risk of childhood acute lymphoblastic leukemia in the Kurdish population from Western Iran. **Genet Test Mol Biomarkers.** 2012; 16: 198-202.

57. Rahimi Z, Vaisi-Raygani A, Rahimi Z, Parsian A. The Concomitant Presence of eNOS 894T and ACE D Alleles Are Associated with Diabetic Nephropathy in Kurdish Population from Western Iran. **Nephrology**. 2012; 17: 175-181.

58. Malek-Khosravi Sh, **Rahimi Z**, Rahimi Z, Jalilvand F, Parsian A. Thrombophilic Mutations and Susceptibility to Preeclapmsia in Western Iran. **J Thromb Thrombolysis**. 2012;33: 109-115.

59. Payandeh M, Zare ME, Mansouri K, **Rahimi Z**, hashemian AH, Soltanian E, Yousefi H. Protein C and S deficiency in deep vein thrombosis patients referred to Iranian blood transfusion organization, Kermanshah **International J Hematol Oncol & Stem Cell Res** 2011; 5:5-8

60. Vaisi-Raygani A, **Rahimi Z**, Tavilani H, Vaisi-Raygani H, Kiani A, Aminian M, Shakiba E, Shakiba Y, Pourmotab T. Synergism between paraoxonase Arg 192 and the angiotensin converting enzyme D allele is associated with severity of coronary artery disease. **Mol Biol Rep.** 2012; 39: 2723-2731

61. Bahrehmand F, Vaisi-Raygani A, Kiani A, **Rahimi Z**, Tavilani H, Navabi S, Shakiba E, Hasanzadeh N, Pourmotabbed T. Matrix metalloproteinase-2 functional promoter polymorphism G1575A is associated with elevated circulatory MMP-2 level and

increased risk of cardiovascular disease in systemic lupus erythematosus patients. **Lupus**. 2012; 21: 616-624.

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63. Ahmadi R, **Rahimi Z**, Vaisi-Raygani A, Kiani A, jalilian N, Rahimi, Z. Apolipoprotein E genotypes, lipid peroxidation and antioxidant status among mild and severe preeclamptic women from Western Iran: Protective role of apolipoprotein ε2 allele in severe preeclampsia. **Hypertension in Pregnancy**. 2012; 31: 405-418

64. Rahimi Z, Rahimi Z, Mozafari H, Parsian A. Preeclampsia and angiotensin converting enzyme (ACE) I/D and angiotensin II type-1 receptor (AT1R) A1166C polymorphisms: Association with ACE I/D polymorphism. **J Renin AngiotensinAldosterone Syst.** 2012; 14:174-80

65. Payandeh M, Yousefi H, Zare MF, Nasir-Kansestani A, **Rahimi Z**, Pourmand D, Hashemian AH, Aeinfar M, Aeinfar M, Shaveisi-Zadeh F. Frequency of hereditary coagulation risk factors in deep vein thrombosis patients referred to Iranian Blood Transfusion Organization, Kermanshah. **International J Hematol Oncol & Stem Cell Res** 2012; 6:16-21

66. Rahimi Z, Rahimi Z, Akramipour R, Mozafari H, Yari K, Golpaygani MR, Shahriari-Ahmadi A. Association of factor V Leiden mutation with pediatric acute

lymphoblastic leukemia in Kermanshah Province. **International J Hematol Oncol & Stem Cell Res** . 2012; 6: 26-31

67. Rahimi Z, Azhar MR, Rahimi Z, Yari K. Interaction of thymidylate synthase polymorphism with MTHFR variants modify the risk of childhood acute lymphoblastic leukemia. **Biharian Biologist**. 2012; 6: 87-89.

68. Asefi M, Vaisi-Raygani A, Bahrehmand F, Kiani A, **Rahimi Z**, Nomani H, Ebrahimi A, Tavilani H, Pourmotabbed T. Paraoxonase (PON1) 55 polymorphism, lipid profiles and psoriasis. **British J Dermatol**. 2012, 167:1279-1286

69. Rahimi Z, Nourozi-Rad R, Rahimi Z, Parsian A. Strong Interaction between T allele of endothelial nitric oxide synthase with B1 allele of cholesteryl ester transfer protein TaqIB highly elevate the risk of coronary artery disease and type 2 diabetes mellitus **J Hum Genomics** 2012; 6;20

70. Rahimi Z. ACE insertion/deletion (I/D) polymorphism and diabetic nephropathy. J Nephropathology. 2012: 1; 143-151

71. Rahimi Z, Rahimi Z, Omidi Shahsavandi M, Bidoki K, Rezaei M. Matrix metalloproteinase 9 (-1562 C:T) polymorphism as a biomarker of susceptibility to severe preeclampsia. **Biomark Med**.2013; 7: 93-98

72. **Rahimi Z**, Malek-Khosravi Sh, Rahimi Z, Jalilvand F, Parsian A. MTHFR C677T and eNOS G894T variants in preeclamptic women: Contribution to: lipid peroxidation and oxidative stress. **Clin Biochem**. 2013; 46: 143-147.

73. Rahimi Z, Rahimi Z, Shahvaisi-Zadeh F, Sadeghei S, Vessal M, Yavari N.

eNOS 4a/b polymorphism and its interaction with eNOS G894T variants in type 2 diabetes mellitus: Modifying the risk of diabetic nephropathy. **Dis Markers**. 2013 1;34(6):437-43.

74. Rahimi Z, Ahmadi R, Vaisi-Raygani A, Rahimi Z, Bahrehmand F, Parsian A. Butyrylcholinesterase (BChE) activity is associated with the risk of preeclampsia: influence on lipid and lipoprotein metabolism and oxidative stress. **J Matern Fetal Neonatal Med**. 2013; 26:1590-1594.

75. Rahimi Z. Genetic epidemiology, hematological and clinical features of hemoglobinopathies in Iran. **BioMed Res Int** 2013; 2013:1-10

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78. Rahimi Z, Rahimi Z, Akramipour R. Prothrombin G20210A mutation is not a risk factor for pediatric acute lymphoblastic leukemia in Western Iran. **Middle East J Cancer** 2013; 4: 139-143

79. Rahimi Z, Aghaei A, Rahimi Z, Vaisi-Raygani A. Endothelial Nitric Oxide synthase (eNOS) 4a/b and G894T Polymorphisms and Susceptibility to Preeclampsia. **J Reproduction & Infertility. 2013;14:184-189**

80. Payandeh M, **Rahimi Z**, Kansestani AN, Hemmati S, Aleyasin M, Zare ME , Nouri Z, Hashemian AH , Gohardehi F. Clinical features and types of Von Willebrand disease in women with menorrhagia referred to Hematology Clinic of Kermanshah. **International J Hematol Oncol & Stem Cell Res** . 2013; 7: 1-5

81. Shahvaisizadeh F, Movafagh A, Omrani MD, Vaisi-Raygani A, Rahimi Z, **Rahimi Z**. Synergistic effects of angiotensinogen -217 G:A and T704C (M235T) variants on the risk of severe preeclampsia. **J Renin-Angiotensin-Aldosterone System** 2014;15:156-161.

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83. Rahimi Z, Rahimi Z, Aghaei A, Vaisi-Raygani A. AT2R -1332 G:A polymorphism and its interaction with AT1R 1166 A:C, ACE I/D and MMP-9 -1562 C:T polymorphisms: Risk factors for susceptibility to preeclampsia. **Gene**. 2014 ;538:176-81.

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85. Bahrehmand F, Vaisi-Raygani A, **Rahimi Z**, Ahmadi R, Kiani A, Tavilani H, Vaisi-Raygani H, Pourmotabbed T. Synergistic effects of BuChE non-UU phenotype and paraoxonase (PON1) 55 M allele on the risk of systemic lupus erythematosus: influence

on lipid and lipoprotein metabolism and oxidative stress, preliminary report. **Lupus.** 2014;23:263-272.

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۱۷۷. هوشنگ نعمتي ،زهره رحيمي ، غلامرضا بهرامي ، حميد نعماني ، منصور رضايي. پلي مورفيسم XmnI در ناحيه َ5 ژن Gγ وارتباط آن با ميزان HbF و نسبت Gγ به Aγ در بيماران بتا تالاسمي ماژور و اينترمديا در كرمانشاه – بهبود زمستان ۸٦ شماره چهارم صفحه ٤٠٧ -٤١٧

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