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Date of preparing CV: Sep. 2018

Gender: Female

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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: 25

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 [β 121(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 [α 75 (EF4) Asp→His] /- α ^{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 $\epsilon 4$ and $\epsilon 2$ 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 epsilon4 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

45. 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 metalloproteinase-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 Preeclampsia 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.

62. French VM, van de Laar IM, Wessels MW, Rohe C, Roos-Hesselink JW, Wang G, Frohn-Mulder IM, Severijnen LA, de Graaf BM, Schot R, Breedveld G, Mientjes E, van Tienhoven M, Jadot E, Jiang Z, Verkerk A, Swagemakers S, Venselaar H, **Rahimi Z**, Najmabadi H, Meijers-Heijboer H, de Graaff E, Helbing WA, Willemsen R, Devriendt K, Belmont JW, Oostra BA, Amack JD, Bertoli-Avella AM. NPHP4 variants are associated with pleiotropic heart malformations. **Circ Res**. 2012; 110:1564-1574

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-Kanestani 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, Omid 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. 2.

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

76. Bahrehmand F, Vaisi-Raygani A, Ahmadi R, Kiani A, Rahimi Z, Tavilani H, Pourmotabbed T. Paraoxonase (PON1) 55 polymorphism and association with systemic lupus erythematosus. **Iran J Allergy Asthma Immunol** 2013; 12 :211-219

77. Rahimi Z, Mansouri Zaveleh O, Rahimi Z, Abbasi A. AT2R-1332 G:A polymorphism and diabetic nephropathy in type 2 diabetes mellitus patients. **J Ren Inj Prev** 2013; 2: 97-101

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.
- 82.** Asefi M, Vaisi-Raygani A, Khodarahmi R, Nemati H, **Rahimi Z**, Vaisi-Raygani H, Tavilani H, Pourmotabbed T. Methylenetetrahydrofolate reductase (rs1801133) polymorphism and psoriasis: contribution to oxidative stress, lipid peroxidation and correlation with vascular adhesion protein 1, preliminary report. **J Eur Acad Dermatol Venereol**. 2014; 28(9):1192-8
- 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.
- 84.** Zargooshi J, Nourizad S, Vaziri S, Nikbakht MR, Almasi A, Ghadiri K, Bidhendi S, Khazaie H, Motaee H, Malek-Khosravi S, Farshchian N, Rezaei M, **Rahimi Z**, Khalili R, Yazdaani L, Najafinia K, Hatam M. Hemospermia: long-term outcome in 165 patients. **Int J Impot Res**. 2014;26:83-86.
- 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.

86. Payandeh M, **Rahimi Z**, Zare ME, Kansestani AN, Gohardehi F, Hashemian AH. The prevalence of anemia and hemoglobinopathies in the hematologic clinics of the Kermanshah province, Western Iran. **Int J Hematol Oncol Stem Cell Res**. 2014;8:33-37.

87. Moradzadegan A, Vaisi-Raygani A, Nikzamir A, **Rahimi Z**. Angiotensin converting enzyme insertion/deletion (I/D) (rs4646994) and Vegf polymorphism (+405G/C; rs2010963) in type II diabetic patients: Association with the risk of coronary artery disease. **J Renin-Angiotensin-Aldosterone System**. 2015; 16:672-80.

88. **Rahimi Z**, Mohammadi F, Rahimi Z, Razazian N, Najafi F. Association of Matrix Metalloproteinase-7A-181G Variants with the Risk of Multiple Sclerosis. **Per Med**. 2014; 11:727-733

89. Yari K, Rahimi Z, Moradi MT, **Rahimi Z**. The MMP-2-735 C allele is a risk factor for susceptibility to breast cancer. **Asian Pac J Cancer Prev**. 2014; 15: 6199-6203.

90. Rahimi Z, Kazemian L, Malek-Khosravi S, Najafi F, **Rahimi Z**. Matrix metalloproteinase-7 A-181G and its interaction with matrix metalloproteinase-9 C-1562T polymorphism in preeclamptic patients: Association with malondialdehyde level and severe preeclampsia. **Archives Gynecol Obstet**. 2015; 291:45-51

91. Shahmohamdnejad S, Vaisi-Raygani A, Shakiba Y, Kiani A, **Rahimi Z**, Pourmotabbed T. Association between butyrylcholinesterase activity and phenotypes, paraoxonase192 rs662 gene polymorphism and their enzymatic activity with severity of

rheumatoid arthritis: Correlation with systemic inflammatory markers and oxidative stress, preliminary report. **Clin Biochem.** 2015; 48:63-9.

92. Rahimi Z, Moradi MR, Nasri H. A systematic review of the role of rennin angiotensin aldosterone system genes in diabetes mellitus. **J Res Med Sci.** 2014; 19:1090-1098

93. Moradi MT, Yari K, **Rahimi Z,** Kazemi E, Shahbazi M. Manganese superoxide dismutase (MnSOD Val-9Ala) gene polymorphism and susceptibility to gastric cancer. **Asian Pac J Cancer Prev.** 2015;16:485-8.

94. Rahimi Z, Yari K, Rahimi Z. Matrix Metalloproteinase-9 -1562T Allele and Its Combination with MMP-2 -735 C allele are risk factors for breast cancer. **Asian Pac J Cancer Prev.** 2015;16:1175-9.

95. Rahimi Z, Kasraei R, Najafi F, et al. Cancer notification at a Referral Hospital of Kermanshah, Western Iran (2006-2009). **Asian Pac J Cancer Prev.** 2015; 16: 133-137

96. Mohammadi S, Khazaie H, Rahimi Z, Vaisi-Raygani A, Zargooshi N, **Rahimi Z.** The Serotonin transporter (5-HTTLPR) but not serotonin receptor (5-HT2C Cys23Ser) variant is associated with bipolar I disorder in Kurdish Population from Western Iran. **Neurosci Lett.** 2015; 590: 91-5.

97. Moradi M, **Rahimi Z,** Amiri S, Rahimi Z, Vessal M, Nasri H. AT1R A1166C variants in patients with type 2 diabetes mellitus and diabetic nephropathy. **J Nephrothol.** 2015 ;4:69-76.

98. Rahimi Z, Gholami M, Rahimi Z, Yari K. Evaluation of beta-casein locus for detection of A1 and A2 alleles frequency using allele specific PCR in native cattle of Kermanshah, Iran. **Biharian Biologist.** 2015; 9;85-87.

- 99.** Mohammadi F, Rahimi Z, **Rahimi Z.** The association between matrix metalloproteinase-7 A-181G polymorphism and the risk of relapsing-remitting multiple sclerosis in Iranian Kurdish patients from Kermanshah. **Avicenna J Med Biochem** 2015; 3: e25084
- 100. Rahimi Z,** Abbasi A, Rahimi Z. Functional promoter polymorphism of matrix metalloproteinase (MMP)-3 5A/6A and its interaction with MMP-7 A-181G polymorphism in multiple sclerosis. **Biharian Biologist.** 2016; 10 (2): 137-140.
- 101.** Yari, K, Rahimi, Z, Payandeh M, **Rahimi Z.** MMP-7 A-181G Polymorphism in Breast Cancer Patients from Western Iran. **Breast Care** 2015; 10:398-402
- 102. Rahimi Z.** The Role of Renin Angiotensin Aldosterone System Genes in Diabetic Nephropathy. **Can J Diabetes.** 2016;40(2):178-83.
- 103.** Yari K, Payandeh M, **Rahimi Z.** Association of the hypermethylation status of PTEN tumor suppressor gene with the risk of breast cancer among Kurdish population from Western Iran. **Tumor Biol.** 2016 ;37:8145-52.
- 104.** Mohammadi Y, Vaisi-Raygani A, Shakiba E, Bahrehmand F, Khodarahmi R, Nemati H, **Rahimi Z,** Kiani A, **Rahimi Z,** Vaisi-Raygani H, Vaisi-Raygani H, Pourmotabbed T. Angiotensin II type 1 receptor A₁₁₆₆ C (rs5186) gene polymorphism increased risk and severity of psoriasis, contribution to oxidative stress, antioxidant statues, lipid peroxidation and correlation with vascular adhesion protein 1, preliminary report. **J Eur Acad Dermatol Venereol.** 2016 Aug;30(8):1395-7.105.
- 105. Rahimi Z,** Yari K, Rahimi Z. Evaluation of MMP-7 A-181G and MMP-2 C-735T polymorphisms in healthy population from western Iran. **Cell Mol Biol (Noisy-le-grand).** 2016 Feb 4;62(2):21-4.

- 106. Rahimi Z**, Abdan Z, Rahimi Z, Razazian N, Shiri H, Vaisi-Raygani A, Shakiba E, Vessal M, Moradi MT. Functional Promoter Polymorphisms of MMP-2 C-735T and MMP-9 C-1562T and their Synergism with MMP-7 A-181G in Multiple Sclerosis. **Immunol Invest**. 2016 Aug;45(6):543-52
- 107.** Rahimi Z, Kakabarae K, Garavand A, **Rahimi Z**. The T allele of MTHFR c. C677T and its Synergism with COMT c.G472A allele are associated with the risk of bipolar I disorder. **Genet Test Mol Biomarkers**. 2016 Sep;20(9):510-5.
- 108.** Nomani H, Hagh-Nazari L, Aidy A, Vaisi-Raygani A, Kiani A, **Rahimi Z**, Bahrehmand F, Shakiba E, Mozaffari HR, Tavilani H, Pourmotabbed T. Association between GSTM1, GSTT1, and GSTP1 variants and the risk of end stage renal disease. **Ren Fail**. 2016 Aug 8:1-7.
- 109.** Hagnazari L, Vaisi-Raygani A, Keshvarzi F, Ferdowsi F, Goodarzi M, **Rahimi Z**, Baniamerian H, Tavilani H, Vaisi-Raygani H, Vaisi-Raygani H, Pourmotabbed T. Effect of acetylcholinesterase and butyrylcholinesterase on intrauterine insemination, contribution to inflammations, oxidative stress and antioxidant status; A preliminary report. **J Reprod Infertil**. 2016;17(3):157-62.
- 110.** Mozafari H, Taghikhani M, Khatami S, Alaei MR, Vaisi-Raygani A, **Rahimi Z**. Chitotriosidase activity and gene polymorphism in Iranian patients with Gaucher disease and sibling carriers. **Iran J Child Neurol** 2016;10(4):62-70.
- 111.** Gholami M, Hafezian SH, Rahimi G, Farhadi A, **Rahimi Z**, Kahrizi D, Kiani S, Karim H, Vaziri S, Mohammadi S, Veisi F, Ghadiri K, Shetabi H, Zargooshi J. Allele specific-PCR and melting curve analysis showed relatively high frequency of β -casein

gene A1 allele in Iranian Holstein, Simmental and native cows. **Cell Mol Biol** (Noisy-le-grand). 2016;62(12):138-143.

112. Tanhapour M, Vaisi-Raygani A, Bahremand F, Khazaei M, Kiani A, **Rahimi Z**, Nomani H, Tavailani H, Pourmotabbed T. Association between the cytotoxic T-lymphocyte antigen-4 mutations and the susceptibility to systemic lupus erythematosus; Contribution markers of inflammation and oxidative stress. **Cell Mol Biol** (Noisy-le-grand). 2016; 62(12):56-61.

113. Rahimi Z, Gravand A, Khazaie H, Mohammadi S, Rahimi Z, Vaisi-Raygani A, Shakiba E. Brain-derived neurotrophic factor Val66Met polymorphism and its synergism with L/S polymorphism in the promoter region of serotonin transporter in bipolar I disorder patients in Western Iran. **Iran J Psychiatry Behav Sci.** 2016; 10(4):e5173.

114. Rahimi Z. Diabetic nephropathy: pathogenesis and Management. **J Kermanshah Univ Med Sci.** 2016; 20(3): 84-89

115. Rahimi Z, Bozorgi M, Shakiba E. Methylenetetrahydrofolate reductase (MTHFR) C677T and A1298C variants, folate intake and susceptibility to breast cancer. **Int J Cancer Manag.** 2017 ;10(11):e9528.

116. Rahimi Z, Abdi H, Tanhapoor M, Rahimi Z, Vaisi-Raygani A, Nomani H. ACE I/D and MMP-7 A-181G variants in end stage renal disease (ESRD): association with hypertension and the risk of ESRD. **Mol Biol Res Commun** 2017; 6(1):41-44.

117. Baniamerian H, Bahremand F, Vaisi-Raygani A, **Rahimi Z**, Pourmotabbed T. Angiotensin type 1 receptor A1166C polymorphism and systemic lupus erythematosus: correlation with cellular immunity and oxidative stress markers. **Lupus** 2017 ;26(14):1534-1539.

- 118.** Monazzami A, Rajabi H, Ghrakhanlou R, Yari K, **Rahimi Z.** Modulation of oxidative and glycolytic skeletal muscle fibers Na⁺/H⁺ exchanger1 (NHE1) and Na⁺/HCO₃⁻ co-transporter1 (NBC1) genes and proteins expression in type 2 diabetic rat (Streptozotocin + high fat diet) following long term endurance training. **Cell Mol Biol (Noisy-le-grand)**. 2017;63(5):11-18.
- 119. Rahimi Z,** Zangeneh M, Rezaeyan A, Shakiba E, **Rahimi Z.** MMP-8 C-799T and MMP-8 C+17G polymorphisms in mild and severe preeclampsia: Association between MMP-8 C-799T with susceptibility to severe preeclampsia. **Clin Exp Hypertens**. 2018;40(2):175-178.
- 120.** Rahimi Z, Lotfi S, Ahmadi A, Jalilian N, Shakiba E, Vaisi-Raygani A, **Rahimi Z.** Matrix Metalloproteinase-2 C-735T and Its Interaction with Matrix Metalloproteinase-7 A-181G Polymorphism Are Associated with the Risk of Preeclampsia: Influence on Total Antioxidant Capacity and Blood Pressure. **J Obstetrics and Gynaecology**. 2018 ;38(3):327-332.
- 121.** Chamaie-Nejad F, Saeidi S, Najafi F, Ebrahimi A, Rahimi Z, Shakiba E, **Rahimi Z.** Association of the CYP17 MSP AI (T-34C) and CYP19 codon 39 (Trp/Arg) polymorphisms with susceptibility to acne vulgaris. **Clinical and experimental Dermatology**. 2018;43(2):183-186
- 122. Rahimi Z,** Chamaie-Nejad F, Saeidi S, Rahimi Z, Ebrahimi A, Shakiba E, Vaisi-Raygani A. The Association of PPAR γ Pro12Ala and C161T Polymorphisms with Polycystic Ovary Syndrome and Their Influence on Lipid and Lipoprotein Profiles. **Int J Fertil Steril**. 2018;12(2):147-151.

- 123.** Moradi MT, Yari K, **Rahimi Z.** The *GPXI* Pro¹⁹⁸Leu polymorphism in gastric cancer patients with and without *Helicobacter pylori* infection. **Genes and Genomics.** 2017; 39:1265–1269
- 124.** Ghobadi F, Vaisi-Raygani A, Bahrehmand F, Tanhapour M, Kiani A, **Rahimi Z,** Pourmotabbed T. Genetic Variants of Pre-microRNAs A-499G(rs3746444) and T-196a2C(rs11614913) with Ulcerative Colitis (UC) and Investigated with Thiopurine-S-Methyltransferase (TPMT) Activity. **Clin Lab.** 2017;63(10):1683-1690.
- 125.** Saeidi Sh, Chamaie-Nejad F, Ebrahimi A, Najafi F, Rahimi Z, Vaisi-Raygani A, Shakiba E, **Rahimi Z.** PPAR γ Pro12Ala and C161T polymorphisms in patients with acne vulgaris: Contribution to lipid and lipoprotein profile. **Advances in Medical Sciences.** 2018; 63: 147–151.
- 126.** Mohammadi H, Joghataei MT, **Rahimi Z,** Faghihi F, Khazaie H, Farhangdoost H, Mehrpour M. Sex steroid hormones and sex hormone binding globulin levels, CYP17 MSP AI (-34T:C) and CYP19 codon 39 (Trp:Arg) variants in children with developmental stuttering. **Brain Lang.** 2017;175:47-56.
- 127.** Tanhapour M, Miri A, Vaisi-Raygani A, Bahrehmand F, Kiani A, **Rahimi Z,** Pourmotabbed T, Shakiba E. Synergism between apolipoprotein E ϵ 4 allele and paraoxonase (PON1) 55-M allele is associated with risk of systemic lupus erythematosus. **Clin Rheumatol.** 2018;37(4):971-977.
- 128.** Nomani H, Khanmohamadian H, Vaisi-Raygani A, Shakiba E, Tanhapour M, **Rahimi Z.** Chemerin rs17173608 and vaspin rs2236242 gene variants on the risk of end stage renal disease (ESRD) and correlation with plasma malondialdehyde (MDA) level. **Ren Fail.** 2018;40(1):350-356.

- 129.** Mohammadi H, Joghataei T, **Rahimi Z**, Faghihi F, Farhangdoost H. Relationship between Serum Homovanillic Acid, DRD2 C957T (rs6277), and hDAT A559V (rs28364997) Polymorphisms and Developmental Stuttering. **Journal of Communication Disorders.** 2018;76:37-46.
- 130.** Moradi MT, Fallahi H, **Rahimi Z**. Interaction of long noncoding RNA MEG3 with miRNAs: A reciprocal regulation. **J Cell Biochem.** 2019 ;120(3):3339-3352.
- 131.** Nomani H, Hesami O, Vaisi-Raygani A, Tanhapour M, Bahrehmand F, **Rahimi Z**, Kiani A, Shakiba E, Pourmotabbed T. Association between the -11377 C/G and -11391 G/A polymorphisms of adiponectin gene and adiponectin levels with susceptibility to type 1 and type 2 diabetes mellitus in population from the west of Iran, correlation with lipid profile. **J Cell Biochem.** 2019;120(3):3574-3582.
- 132.** Tanhapour M, Falahi B, Vaisi-Raygani A, Bahrehmand F, Kiani A, **Rahimi Z**, Vaisi-Raygani AA, Shakiba E, Pourmotabbed T. Angiotensin-converting enzyme insertion/deletion (rs106180) and angiotensin type 1 receptor A₁₁₆₆C (rs106165) genotypes and psoriasis: Correlation with cellular immunity, lipid profile, and oxidative stress markers. **J Cell Biochem.** 2018 . In press.
- 133.** GBD 2017 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. **Lancet.** 2018;392(10159):1859-1922.
- 134.** Rezavand N, Tabarok S, **Rahimi Z**, Vaisi-Raygani A, Mohammadi E, **Rahimi Z**. The effect of VDR gene polymorphisms and vitamin D level on blood pressure, risk of preeclampsia, gestational age, and body mass index. **J Cell Biochem.** 2019;120(4):6441-6448.

- 135.** GBD 2017 Risk Factor Collaborators. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. **Lancet.** 2018;392(10159):1923-1994.
- 136.** Tanhapour M, Shahmohamadnejad S, Vaisi-Raygani A, Kiani A, Shakiba Y, **Rahimi Z**, Bahrehmand F, Shakiba E, Vaisi-Raygani AA, Alibakhshi R, Eivazi A, Pourmotabbed T. Association between activity and genotypes of paraoxonase1 L₅₅M (rs854560) increases the disease activity of rheumatoid arthritis through oxidative stress. **Mol Biol Rep.** 2019;46(1):741-749.
- 137.** Lotfi F, Bahrehmand F, Vaisi-Raygani A, Khodarahmi R, Tanhapour M, Kiani A, **Rahimi Z**, Pourmotabbed T. Cytochrome P450 (CYP450,2D6*A), N-Acetyltransferase-2 (NAT2*7, A) and Multidrug Resistance 1 (MDR1 3435 T) Alleles Collectively Increase Risk of Ulcerative Colitis. **Arch Iran Med.** 2018;21(11):530-535.
- 138.** Moradi MT, **Rahimi Z**, Vaisi-Raygani A. New insight into the role of long non-coding RNAs in the pathogenesis of preeclampsia. **Hypertens Pregnancy.** 2019;38(1):41-51.
- 139.** Mohammadi H, Rezaei M, Amiri SM, **Rahimi Z**, Mansouri K, Khazaie H. Sleep Architecture and Hypothalamic-Pituitary-Adrenal Activity in Paradoxical and Psychophysiological Insomnia. **Basic Clin Neurosci.** 2018 ;9(6):397-407.
- 140.** Maleki Y, Alahbakhshi Z, Heidari Z, Moradi MT, **Rahimi Z**, Yari K, **Rahimi Z**, Aznab M, Ahmadi-Khajevand M, Bahremand F. NOTCH1, SF3B1, MDM2 and MYD88 mutations in patients with chronic lymphocytic leukemia. **Oncol Lett.** 2019;17(4):4016-4023.

141. Mozafari H, Khatami S, Kiani A, **Rahimi Z**, Vaisi-Raygani A, Afsharnaderi A, Alaei MR. Oxidative Stress Parameters, Trace Elements, and Lipid Profile in Iranian Patients with Gaucher Disease. **Biol Trace Elem Res**. 2019. In press.
142. **Rahimi Z**, Najafi S, Moghohchie L, Amiri E, Vaisi-Raygani A, Rahimi Z. The Prevalence of Hemoglobinopathies in Reference Laboratory of Kermanshah, Western Iran. **Iran J Public Health**. 2019;48 (2):359-361.
143. **Rahimi Z**, Bozorgi M, Shakiba E. Methylenetetrahydrofolate Reductase (*MTHFR*) C677T and A1298C Variants, Folate Intake, and Susceptibility to Breast Cancer, **Int J Cancer Manag**. 2017 ; 10(11):e9528.
144. Yari K, **Rahimi Z**. Promoter Methylation Status of the Retinoic Acid Receptor-Beta 2 Gene in Breast Cancer Patients: A Case Control Study and Systematic Review. **Breast Care** 2019;14:117–123.
145. **Rahimi Z**, Mohammadi M. The CYP17MSP AI (T-34C) and CYP19A1 (Trp39Arg) variants in polycystic ovary syndrome: A case-control study. **Int J Reprod Biomed (Yazd)** 2019; 17 (3).
146. Vaisi-Raygani A, Khazaei M, Arkan E, **Rahimi Z**, Aghaz F. Antioxidant activities of α -lipoic acid free and nano-capsule inhibit the growth of Ehrlich carcinoma. **Mol Biol Rep**. In press.
147. Kiani A, Mohammadi-Nori E, Vaisi-Raygani A, Tanhapour M, Elahi-Rad S, Bahrehmand F, **Rahimi Z**, Pourmotabbed T. Vitamin D-binding protein and vitamin D receptor genotypes and 25-hydroxyvitamin D levels are associated with development of aortic and mitral valve calcification and coronary artery diseases. **Mol Biol Rep**. In press.

Books: Endocrinology. 2014

Haemoglobinopathies. 2018

Writing and publishing Scientific Papers in Basic and Biosciences: In press

Endocrinology and Sport: In press