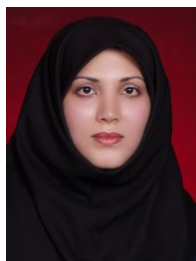


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آخرین مدرک تحصیلی: دکتری تخصصی ژنتیک پزشکی

دانشگاه محل تحصیل: دانشکده علوم پزشکی، دانشگاه تربیت مدرس

عنوان رساله دکتری: بررسی ارتباط بین چند شکلی‌های ژن‌های HLA-DRB, -DQB و آنالیز آمینواسیدهای ملکول‌های DR β , DQ β با دیابت نوع یک در بیماران ایرانی

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Scopus citations: 2413

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ISI/PubMed papers: 200

Principal investigator: 104

Co-principal investigator: 31

Scientific referees: 300

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طرح های پژوهشی:

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55. Expression of CYFIP1, KDR, RABGGTA, RABGGTB, FOXD2, GAS8, NNT genes and lncRNAs FOXD2-AS, NNT-AS, GAS8-AS, CCAT1 related to inflammation pathway in severe periodontitis patients compared to healthy control. 2021, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
56. Expression analysis of NF- κ B associated lncRNAs in Bipolar patients in comparison to control group. 2021. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
57. Gene expression analysis of NF- κ B signaling pathway related long non coding RNAs in blood of migraine patients in Comparison to Control Group. 2021, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
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59. Expression of long non-coding RNA HOTAIRM1 and related genes AGO2, CSTF2, CPSF7, WDR33, HUR1 and NR3C1 in periodontitis patients compared to healthy control. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

60. Expression Profile of IL-1b, IL-2, IL-4, IL-6, IL-8, IL-10, TGFb, TNFa, IFNg Cytokines in tissue and blood of chronic periodontitis patients compared to healthy control. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
61. Expression analysis of Vitamin D pathway genes and its target lncRNAs in COVID-19 patient. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
62. Investigation the expression of inflammatory cytokine in Guillen barre syndrome patients. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
63. Investigation of the expression pattern of PVT-1, THRIL and FAS-AS1 lncRNAs in migraine patients with and without aura compared to healthy control. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
64. Expression analysis of PIAS pathway genes in Guillain-Barre patients in comparison to healthy people. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
65. Investigation the expression of PIAS, STAT and SOCS genes in blood of migraine patients with aura and without aura compared to healthy controls. 2021, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
66. Expression analysis of Long Non-Coding RNAs TUG1, FAS-AS1, NEAT1, GAS5, OIP5-AS1 in Guillain-Barre patients in comparing to control group. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
67. Expression Profile and Promoter Methylation Pattern of Long non-Coding RNAs involved in apoptosis pathway in patients with demyelinating Polyneuropathy compared to control group. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
68. The association of the long non-coding RNA HOTAIR and HAR1a genes of dopaminergic system with MDD, ADHD, Bipolar disorder, Addiction and Schizophrenic disorders. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
69. The association of the long non-coding RNA PINK1-AS and BC200 genes of dopaminergic system with MDD, ADHD, Bipolar disorder, Addiction and Schizophrenic disorders. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
70. Expression analysis of IL-2, IL-4, IL-6, IL1-B, IFN- γ , TNF α , TGF- β , IL-17, IL-10 and IL-8 in Guillain-Barre syndrome patients. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

71. Expression analysis of lncRNA TUG1, FAS-AS1, NEAT1, GAS5, OIP5-AS1 in Guillain-Barre patients in comparing to control group. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
72. Association study of PINK1-AS, BC200, HOTAIR and HAR1a polymorphism with MDD, ADHD, Bipolar disorder, Addiction and Schizophrenic disorders. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
73. Association between HLA-DRB1 allele and risk of stroke in Iranian population. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
74. Association between HLA-A allele and risk of stroke in Iranian population. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
75. Association between HLA-B allele and risk of stroke in Iranian population. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
76. Investigating the expression of DISC2 and MALAT1 long noncoding RNAs and DISC1, NLGN1 target genes in ASD patients in comparison to control. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
77. Expression of NNT and NNT-AS1 in patients with refractory epilepsy compared to control individuals. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
78. Evaluation of the gene expression of BACE1, BACE1-AS, DISC1, DISC2, BDNF and BDNF-AS in Thyroid cancer patients. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
79. Expression Analysis of IFNG-AS1, GSTT1-AS1 and BDNF-AS1 Long Non-coding RNAs and IFNG, TNF and BDNF target genes in Multiple Sclerosis Patients. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
80. Expression analysis of SNAP25 and RIT2 and their long noncoding RNAs SNAP25-AS in autistic patients. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
81. Investigating the expression of RORA gene in multiple sclerosis patients compared to healthy subjects. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
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83. Association study between the RORA gene polymorphisms in Autism patients compared to healthy controls. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

84. Association study of rs1006737 and rs4765905 and rs4765913 polymorphisms in the CACNA1C gene with autism patients compared to control group. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
85. Association analysis of single nucleotide polymorphisms located in the promoter of the MXA gene in responder and non-responder multiple sclerosis patients. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
86. Association study of the polymorphism of SLC18A1 gene with Suicide and non-fatal suicidal behavior comparing to healthy individuals in Iran. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
87. Investigation of GAS5 long-non coding polymorphism in prostate cancer patients. 2017, Urogenital Stem Cell Research Center.
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89. The study of association between IL4 gene polymorphisms in prostate cancer patients. 2017, Urogenital Stem Cell Research Center.
90. Investigating the expression of STAT1, STAT2, STAT3 and STAT4 genes in Iranian Multiple Sclerosis patients. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
91. Investigation of ANRIL long-non coding RNA polymorphism in prostate cancer. 2017, Urogenital Stem Cell Research Center.
92. HLA Typing by using NGS (Sequence Base Technique). 2017. Research Center of Tehran Medical Genetics Laboratory. Tehran. Iran.
93. Expression comparison of SOCS1, SOCS2 and SOCS3 in Iranian multiple sclerosis patients to control group. 2016, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
94. Expression comparison of VEGF-A and KDR (VEGF receptor A) in Iranian multiple sclerosis patients to control group. 2016, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
95. Expression analysis of VDR, CYP24A1 and CYP27B1 in Iranian patients with multiple sclerosis comparing control group. 2016, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

96. Expression of CD95 Ligand gene in Multiple Sclerosis patients. 2015, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
97. HLA Typing by using SBT. 2010. Research Center of Tehran Medical Genetics Laboratory. Tehran. Iran.
98. Planning for establishment of HLA-Bank. 2010. Research Center of Tehran Medical Genetics Laboratory. Tehran. Iran.

همکار طرح پژوهشی:

99. Expression Analysis of NF- κ B Pathway-Associated Long Non-Coding RNAs (ANRIL, CEBPA-DT, H19, NKILA, and HNF1A-AS1) in Patients with Pituitary Adenoma: A Pilot Study. 2025, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
100. Identification of Key Diagnostic microRNAs in Thyroid Cancer Using RNA Sequencing and Deep Learning Approaches. 2024, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
101. Evaluation of the Efficacy and Outcomes of Umbilical Cord Blood Hematopoietic Stem Cell Transplantation in Pediatric Patients (0–18 Years) at Mofid Children’s Hospital from 2015 to 2023 (1394–1402). 2022, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
102. Design and Implementation of an HLA Genotype Database for Donor–Recipient Matching in Hematopoietic Stem Cell Transplantation at the Pediatric Transplant Unit of Mofid Children’s Hospital. 2022, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
103. Evaluation of the Efficacy and Outcomes of Peripheral Blood Stem Cell Transplantation in Pediatric Patients (0–18 Years) at Mofid Children’s Hospital During 2015–2023 (1394–1402). 2022, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
104. Investigation of the expression pattern of mTOR-associated lncRNAs in migraine patients with and without aura compared to healthy control. 2021, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

105. Investigation of the expression pattern of PIAS1, PIAS2, PIAS3 and PIAS4 genes in migraine patients with and without aura compared to healthy controls. 2021, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
106. Investigation the association of rs55829688 on GAS5 gene and rs6189/rs6190, rs41423247, rs6195 on NR3C1 gene and rs3087918, rs7158663, rs11160608 on MEG3 and rs16754 on WT1 and rs62527607, rs6999622 on BAALC gene and rs6170222 and rs13051066 on RUNX1 gene in acute myeloid leukemia patients. 2021, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
107. Investigation the association study of rs1333048, rs1333045, rs4977574 and rs10757278 within ANRIL gene in autism patients. 2020. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
108. Investigating HOXA-AS2, Linc-ROR, MALAT1, MEG3, SPRY4-IT1 and UCA1 expression level in epilepsy patients. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
109. Investigation the expression of Pro and anti-inflammatory cytokine genes in blood of migraine patients with aura and without aura compared to healthy controls. 2020, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
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111. Detection of new genes and causative mutations in Iranian familial psychiatric patients. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
112. Study of the effect of TGF-beta and inorganic Poly-P on the SMC differentiation potential of the human MSCs alone and simultaneously. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
113. Expression of long non-coding RNAs MALAT1 and ANRIL in gingival tissues and peripheral blood of periodontitis patients compared to healthy control. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
114. Expression analysis of long non-coding RNAs and pro-inflammatory cytokines involved in the NF- κ B pathway in axial spondyloarthritis. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

115. Expression analysis of HULC, AFAP1-AS1, PINK1-AS, GAS8-AS long non-coding RNAs & AFAP1, P18, PINK1, GAS8 target genes in multiple sclerosis patients. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
116. Promoter Methylation Pattern of Long non-Coding RNAs: H19 and ANRIL in Refractory and Non-refractory Epileptic Patients compared to controls. 2019, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
117. Expression analysis of long non-coding RNAs and pro-inflammatory cytokines involved in NF- κ B pathway and NF- κ B activity in Iranian axial spondyloarthritis patients. 2018. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
118. Expression Analysis of PINK1 and BACE1 Genes and PINK1-AS1 and BACE1-AS1 Long Noncoding RNAs in Iranian Schizophrenia Patients. 2018, Urogenital Stem Cell Research Center, Tehran, Iran.
119. Investigation the expression of Long-Non coding RNAs HOTAIR, THRIL and FAS-AS1 in A.M.L patients compared to healthy subject. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
120. Investigation of H19 long-non coding Polymorphism in Bladder cancer patients. 2018, Urogenital Stem Cell Research Center, Tehran, Iran.
121. Investigation of CBLB and VLA-4 Polymorphisms in Multiple Sclerosis patients, 2018. Shahid Beheshti University of Medical Sciences, Tehran, Iran.
122. Investigation of polymorphisms in the ERMN gene with autism patients compared to control group in Iranian population. 2018, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
123. The study of association between IL6 gene polymorphisms in prostate cancer patients. 2018, Urogenital Stem Cell Research Center, Tehran, Iran.
124. Investigation of gene expression of Farnesyltransferases and Geranylgeranyl transferase I and II in multiple sclerosis patients compared to healthy group. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
125. Association study of the polymorphism of VMAT1 gene with Autism disease in Iran. 2017, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
126. Investigation of HOTAIR long-non coding RNA polymorphism in prostate cancer patients. 2017, Urogenital Stem Cell Research Center, Tehran, Iran.

127. Investigating the expression of DLEU2, GHET1, PVT1, FAS-AS1, THRIL, HOXA-AS1, NEAT1, TUG1, DSCAM-AS1 and HOTAIR in Bladder cancer patients. 2017, Urogenital Stem Cell Research Center, Tehran, Iran.
128. Investigating the relation of the expression of BC200, MALAT1, PVT1, FAS-AS1, THRIL, HOXA-AS1, NEAT1, TUG1, DSCAM-AS1 and HOTAIR Long-non coding RNAs with breast cancer. 2016, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
129. Determination of IL4, IL6, IL10, IL17 and IFN- δ in responder patients with multiple sclerosis to Cinnovex and non-responders to Cinnovex. 2016, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
130. Expression of IL1 β , IL2, IL4, IL6, IL8, IL10, IL17, TGF- β , TNF- α و IFN- δ genes in Autism patients. 2016, Hamedan University of Medical Sciences, Tehran, Iran.
131. Expression of IL1 β , IL2, IL4, IL6, IL8, IL10, IL17, TGF- β , TNF- α و IFN- δ genes in Epileptic patients. 2016, Hamedan University of Medical Sciences, Tehran, Iran.
132. Early diagnosis of aneuploidy by cell free fetal DNA. 2013. Research Center of Tehran Medical Genetics Laboratory. Tehran. Iran.
133. The association of HLA-A, -B, -DRB1 gene polymorphisms with acute lymphoblastic leukemia (ALL) in Iranian patients. 2012. Research Center of Tehran Medical Genetics Laboratory. Tehran. Iran.

سخنرانی در کنگره:

1. Immunotolerance Symposium. Jan 2026. Tehran. Iran.
2. 14th Basic and Clinical Neurosciences Congress. Dec 2025. Tehran. Iran.
3. 214th Health and Life Symposium. Dec 2025. Tehran. Iran.
4. 209th Health and Life Symposium. Oct 2025. Tehran. Iran.
5. 14th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. Feb 2025. Tehran. Iran.
6. Donor Recruitment Symposium. Dec 2024. Tehran. Iran.

7. 2nd Immunology of Transplantation Symposium. Aug 2025. Tehran. Iran.
8. 6th international and 18th national Iranian Genetics congress. Jul 2025. Tehran. Iran.
9. 13th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. Feb 2024. Babol. Iran.
10. 12th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. Feb 2023. Tehran. Iran.
11. 14th Annual Congress of Iranian Pediatric Hematology and Oncology Society. Jan 2023. Tehran. Iran.
12. Immuno-cell therapy Symposium. Mar 2022. Tehran. Iran.
13. 11th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. Feb 2022. Tabriz. Iran.
14. Donor Day festival. Sep 2021. Tehran. Iran.
15. 10th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. Feb 2021. Tehran. Iran.
16. PIRCHE Epitope Matching in Kidney Transplantation Webinar. Feb 2021.
17. 4th Festival and International Congress on Stem Cell and Regenerative Medicine. April 2021. Tehran, Iran.
18. Characterization of the MHC and KIR in non-human primates using PacBio SMRT sequencing webinar. Jul 2021.
19. Somatic mutation of HLA genes in blood cancer Webinar. May 2021
20. Transplantation-Immunology Symposium. 2021. Tehran. Iran.
21. World Marrow Donor Day Festival. 2021. Virtual.
22. Towards defining the immunogenicity of HLA eplets Webinar. Sep 2020.
23. World Marrow Donor Day Festival. Sep 2020. Virtual.
24. Significance and detection of chimerism after hematopoietic stem cell transplantation Webinar. Oct 2020.
25. New insights from high-resolution KIR sequencing in neurological disease Webinar. Nov 2020.
26. National World Marrow Donor Day Symposium. 2019. Tehran. Iran.
27. The 20th Royan International Twin Congress, Aug 2019. Tehran. Iran.
28. The 19th Royan International Twin Congress. Aug 2018. Tehran. Iran.

29. 3rd Symposium of Genetics and Stem Cells. 2018. Tehran. Iran.
30. Scientific and Executive Secretary of 3rd Symposium of Genetics and Stem Cells. 2018. Tehran. Iran.
31. 15th MS Congress of Iran. Nov 2018. Tehran, Iran.
32. Member of National Prize Committee of 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Tehran, Iran.
33. Member of Scientific and Executive Committee of 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Tehran, Iran.
34. Member of International Affairs of 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Tehran, Iran.
35. Scientific Secretary of 4th Genetics and Stem Cell Symposium. Jun 2017. Tehran. Iran.
36. 1st GvHD Symposium. Dec 2018. Tehran, Iran.
37. Member of Scientific Committee of 1st GvHD Symposium. Dec 2018. Tehran, Iran.
38. 7th congress of The Basic and Clinical Neuroscience. Dec 2018. Tehran, Iran.
39. The 18th Royan International Twin Congress. Sep 2017. Tehran. Iran.
40. 3rd national Biology Sciences of Iran Conference. 2017. Tehran, Iran.
41. 2nd Festival and International Congress on Stem Cell and Regenerative Medicine. Jul 2017. Tehran, Iran.
42. The 17th Royan International Twin Congress. Aug 2016. Tehran. Iran.
43. Genetics in 3rd millennium. 2016. Tehran, Iran.
44. West Asian Cancer Conference. Sep 2016. Tehran, Iran.
45. 51th congress of Basic and clinical Neuroscience. Dec 2016. Tehran, Iran.
46. 1st Festival and International Congress on Stem Cell and Regenerative Medicine. Jul 2016. Tehran, Iran.
47. 4th annual Medical Morality Congress. Jan 2015. Tehran, Iran.
48. 2nd International Congress of Rare Mineral. Apr 2015. Tehran, Iran.
49. 8th international and 13th national congress on Quality Improvement in Clinical Laboratory. Apr 2015. Tehran, Iran.
50. 11th Royan International Congress on Stem Cell Biology and Technology. Sep 2015. Tehran, Iran.
51. 12th MS Congress of Iran. Nov 2015. Tehran, Iran.

52. 1st Afzalpour International Medical Congress- on Pathology. Nov 2015. Kerman, Iran.
53. 4th congress of Basic and clinical Neuroscience. Dec 2015. Tehran, Iran.
54. 6th Congress of IRHRC in Fertility and Infertility, Jan 2014. Tehran, Iran.
55. 7th international and 12th national congress on Quality Improvement in Clinical laboratory. Apr 2014. Tehran, Iran.
56. 1st international and 13th national Iranian Genetics congress. May 2014. Tehran, Iran.
57. 1st National Conference on new finding in Biological Science. Apr 2013. Tehran, Iran.
58. 3rd Medical Genetics Congress. May 2013. Tehran, Iran.
59. 1st Simulation Science and Islam Religion symposium. Oct 2013. Tehran, Iran.
60. Diabetes Disease Symposium. Nov 2013. Tehran, Iran.
61. Spiritual Health Seminar. Dec 2013. Tehran, Iran.
62. Immunogenetics in Primary Immuno-Deficiency Diseases. Feb 2012. Tehran, Iran.
63. 1st National Genetic and Biological Resource Congress. Feb 2012. Tehran, Iran.
64. 5th international and 10th national congress on Quality Improvement in Clinical laboratory. Apr 2012. Tehran, Iran.
65. 11th International Congress of Immunology and Allergy. Apr 2012. Tehran, Iran.
66. 12th national Iranian Genetics congress. May 2012. Tehran, Iran.
67. 2nd Medical Genetics Congress. Jun 2011. Tehran, Iran.
68. 1st congress of Basic and clinical Neuroscience. Nov 2011. Tehran, Iran.
69. Genomic and Complex Disorders Symposium. Nov 2011. Tehran, Iran.
70. Neurogenetics Conference. Dec 2010. Tehran, Iran
71. 7th Congress on Reproductive Biomedicine and 2nd Congress on Stem Cell Biology and Technology. Sep 2006. Tehran, Iran.

خلاصه مقالات در کنگره:

1. Distribution of HLA alleles in Iran. **Arezou Sayad**, et al. 13th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. Feb 2024. Abstract ID: PN-098.

2. HLA Polymorphism and Leukemia in Iranian Population. **Arezou Sayad**, et al. 12th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. 2023. Abstract ID: PN-142.
3. HLA Polymorphism and Acute Lymphoid Leukemia (ALL) in Iranian Population. **Arezou Sayad**, et al. 10th annual Congress of Hematopoietic Stem Cell Transplantation and Cell Therapy. 2021. Abstract ID: PN-069.
4. ANRIL Gene Polymorphism Association with Acute Myeloid Leukemia (AML) in Iranian Population. Iman Azari, Mohammad Taheri, Hamid Fallah, **Arezou Sayad**. 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Abstract ID: PS-026.
5. Gene Expression Analysis of TNF and HNRNPL-Related Immunoregulatory Long Non-coding RNA (THRIL) in Iranian Patients with Acute Myeloid Leukemia. Iman Azari, Mohammad Taheri, Hamid Fallah, **Arezou Sayad**. 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Abstract ID: PS-027.
6. Hamid Fallah, Mohammad Taheri, Iman Azari, **Arezou Sayad**. ANRIL rs4977574 Polymorphism and Acute Myeloid Leukemia Risk. 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Abstract ID: PS-054.
7. Hamid Fallah, Mohammad Taheri, Iman Azari, **Arezou Sayad**. Association of ANRIL (rs1333045) Gene Polymorphism with the Risk of Acute Myeloid Leukemia. 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Abstract ID: PS-055.
8. Hamid Fallah, Mohammad Taheri, Iman Azari, **Arezou Sayad**. Expression Analysis of HOTAIR lncRNA in Iranian Patients with Acute Myeloid Leukemia. 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Abstract ID: PS-056.
9. Mohammad Taheri, Hamid Fallah, Iman Azari, **Arezou Sayad**. Fas-AS Long Noncoding RNA and Acute Myeloid Leukemia. 3rd Festival and International Congress on Stem Cell and Regenerative Medicine. Nov 2018. Abstract ID: PS-216.
10. A gender dimorphism in the up-regulation of BACE1 gene expression in Schizophrenia. Nafiseh Nafisi-Fard, Akram Sadat Tabatabaei Panah, **Arezou Sayad**. 3rd national Biology Sciences of Iran Conference. 2017. Abstract ID: 1126.

11. TRAIL gene expression analysis in Multiple sclerosis patients. Shaghayegh Saraf zadeh, **Arezou Sayad**. 1st international and 9th national Iranian Neurogenetics Congress. March 2016. Abstract ID: Po:038.
12. IL7RA gene variants are correlated with gene expression in Iranian MS patients, Mohammad Taheri, Ghasem Solgi, Rezvan Norouzi, **Arezou Sayad**. 1st international and 9th national Iranian Neurogenetics Congress. March 2016. Abstract ID: Po:028.
13. Investigating the expression of STAT1 genes in Multiple Sclerosis Patients. Saba Manoochehrabadi, **Arezou Sayad**, 1st international and 9th national Iranian Neurogenetics Congress. March 2016. Abstract ID: Or: 022.
14. HLA genes as modifiers of response to therapy in multiple sclerosis patients. Mohammad Taheri, Rezvan Noroozi, **Arezou Sayad**. 9th international and 14th national congress on Quality Improvement in Clinical Laboratory. Apr 2016. Abstract ID: P250.
15. Genetics variants of ANRIL gene in Iranian breast cancer patients. Shaghayegh Sarrafzadeh, Mohammad Taheri, Rezvan Noroozi, **Arezou Sayad**, Soudeh Ghafouri-Fard. West Asian Cancer Conference. Sep 2016. Abstract ID:48.
16. Investigation of the association of HOTAIR single nucleotide polymorphisms and risk of Breast cancer in an Iranian Population. Mohammad Taheri, Shaghayegh Sarrafzadeh, Rezvan Noroozi, **Arezou Sayad**, Soudeh Ghafouri-Fard. West Asian Cancer Conference. Sep 2016. Abstract ID:70.
17. Investigating the expression of STAT3 genes in Iranian Multiple Sclerosis Patients. Saba Manoochehrabadi, **Arezou Sayad**, Mohammad Taheri, Mehdi Toghi. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:22.
18. The expression analysis of STAT6 gene in Iranian Multiple Sclerosis patients. Mahsa Hatami, Mohammad Taheri, **Arezou Sayad**. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:721.
19. VRK2 gene in neurological disorders: Schizophrenia, Epilepsy and Multiple sclerosis. Tahereh Azimi, **Arezou Sayad**, Mirdavood Omrani. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:553.
20. Expression of GRIN2B, BDNF, and IL1 β mRNA in whole blood of patients with Epilepsy in comparison with healthy controls. Anoushe Zhand, **Arezou Sayad**, Mehrdokht Mazdeh. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:635.

21. Up regulation of MMP9 gene expression in female patients with multiple sclerosis. Shima Yazdandoost Hamedani, Mohammad Taheri, **Arezou Sayad**. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:361.
22. Investigation of RORA Gene Expression in Iranian Multiple Sclerosis (MS) Patients. Sakineh Nayeri, **Arezou Sayad**, Mohammad Taheri, Vida Hojati. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:262.
23. Up-regulation of MMP9 to TIMP1 gene expression ratio in Schizophrenia patients. Shahrzad Rahimi, **Arezou Sayad**, Elham Moslemi. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:282.
24. The influence of MMP9 and TIMP1 gene expression in Schizophrenia patients. Shahrzad Rahimi, **Arezou Sayad**, Elham Moslemi. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:271.
25. Myxovirus resistance protein A (MxA) polymorphism is associated with IFN β response in Iranian multiple sclerosis patients. Mohammad Taheri, Shaghayegh Sarrafzadeh, **Arezou Sayad**. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:362.
26. The importance of VEGF-KDR signaling pathway genes, should not be ignored, when the risk of developing Multiple Sclerosis is taken into consideration. Mohammad Taheri, Shaghayegh Sarrafzadeh, **Arezou Sayad**. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:539.
27. Interleukin 7 receptor alpha gene variants are correlated with gene expression in patients with relapsing-remitting multiple sclerosis. Shaghayegh Sarrafzadeh, Mohammad Taheri, **Arezou Sayad**. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:481.
28. Increased expression ratio of matrix metalloproteinase-9 (MMP9) and tissue inhibitor of matrix metalloproteinase (TIMP-1) RNA levels in Iranian multiple sclerosis patients. Shaghayegh Sarrafzadeh, Mohammad Taheri, **Arezou Sayad**. 5th congress of Basic and clinical Neuroscience. Dec 2016. Abstract ID:480.
29. HLA-A*26 and susceptibility of Iranian patients with non-Hodgkine lymphoma. Mohammad Taheri, **Arezou Sayad**. 8th international and 13th national congress on Quality Improvement in Clinical Laboratory. Apr 2015. Abstract ID: P224.

30. Fas ligand in Multiple Sclerosis based on gender categories. Tahereh Azimi, Mohammad Taheri, Rezvan Noroozi, **Arezou Sayad**. 12th MS Congress of Iran. Nov 2015. Abstract ID: P149.
31. Zn, Cu plasma concentration in Multiple Sclerosis and Schizophrenia patients. Mohammad Taheri, **Arezou Sayad**. 2nd International Congress of Rare Mineral. Apr 2015. Abstract ID: P103.
32. The Association of HLA class I and class II Antigens with Multiple Myeloma in Iranian Patients. Romina Dastmalchi, **Arezou Sayad**. 1st Afzalpour International Medical Congress- on Pathology. Nov 2015. Abstract ID: 32.
33. Dominant and Protective Role of the CYTH4 Primate-Specific GTTT-Repeat Longer Alleles Against Neurodegeneration. Mohammad Taheri, **Arezou Sayad**, Hossein Darvish, Mina Ohadi. 4th congress of Basic and clinical Neuroscience. Dec 2015. Abstract ID: 25603.
34. Vitamin D Receptor Gene Variant and Susceptibility to Parkinson Disease. Saba Manoochehrabadi, Mohammad taheri, mohammad mehdi etekharian, **Arezou Sayad**. 4th congress of Basic and clinical Neuroscience. Dec 2015. Abstract ID: 25613.
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جوايز:

- Winner of the 17th Abu Reihan Biruni Research Festival award, Shahid Beheshti University of Medical Sciences, Iran, 2017.
- Winner of the international Khayyam festival award on top scientific researches, Iran, 2019.

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20. Gene Cloning and DNA analysis, An introduction by T.A.Brown. 8th ed. 2021. Dr Khalili Group Publication. ISBN: 978-622-4968-48-7. 402 Pages.

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علائق تحقیقاتی:

1. HLA Typing Techniques.
2. Gene expression and Genome profiling of Multifactorial Diseases.
3. Neuropsychiatric disorders.
4. Hematopoietic Malignancies and disorders.
5. Periodontal Disorders.