Curriculum vitae

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Education

Ph.D.: Molecular Genetics, Islamic Azad University, Sciences & Research Branch, 2008, Tehran, Iran
M.Sc: Genetics, Islamic Azad University, Sciences & Research Branch, 1999, Tehran, Iran
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Publications:

1- Seifi-Alan M, Shamsi R, Ghafouri-Fard S, **Mirfakhraie**R, Zare-Abdollahi D, Movafagh A, Modarressi MH, Kazemi G, Geranpayeh L, Najafi-Ashtiani M (2013) Expression Analysis of Two Cancer-testis Genes, FBXO39 and TDRD4, in Breast Cancer Tissues and Cell Lines. Asian Pac J Cancer Prev.14 (11):6625-6629

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۲۶- **رضا میرفخرایی**. بررسی فرآیند پیری از طریق تکنولوژی ریزآرایه (Microarray). فصلنامه علمی پژوهشی ژنتیک نوین. شماره ۳، تابستان ۱۳۸۴، ص ۵.

۲۷- فرزانه میرزاجانی، **رضا میرفخرایی**، ندا نقیب زاده، فرح نباتی، ساسان ساکی، الهام طلاچیان، مسعود هوشمند. تشخیص بیوشیمیایی و تعیین جهش های شایع در بیماری گالاکتوزمی. فصلنامه علمی پژوهشی توانبخشی، دوره ۶، شماره ۱، بهار ۱۳۸۴، ص ۲۳-۱۹.

Presentations and seminars:

1. V. R. Yassaee, F. HashemiGorji, **R. Mirfakhraie**. C/ebpbeta, e2f-1 and maz are predicted as a putative transcription factor for regulating rbm8a gene expression in tar syndrome. Joint Conference of HGM 2013 and 21st International Congress of Genetics & Genomics of Global Health and Sustainability, April 2013, Singapore.

2. HeidariRostami HR, **Mirfakhraie R**, Movafagh A, Gholami M, Ahmadi H, Zare D. The association between MLH3 C2531T polymorphism and non-obstructive azoospermia in Iranian infertile men (6th Yazd international congress & student award in reproductive medicine).Iranian J Reprod Med; 2013; Vol 11, No. 4 (Suppl. 1); p 59.

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6. **R. Mirfakhraie**, M. Montazeri, S. M. Kalantar, N. Salsabili; The study of Y chromosome microdeletions and mutations in the androgen receptor gene in Iranian patients with idiopathic non-obstructive azoospermia (European Human Genetics Conference 2011, Amsterdam, The Netherlands). Eur J Hum Genet; 2011; Volume 19 Supplement 2; p 164.

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11. S. M. Seyedhassani, M. Houshmand, S. M. Kalantar, G. Modabber, **R.Mirfakhraie**, A. Ebrahimi, A. Rasti, A. Aflatoonian; Role of mitochondria in repeated pregnancy loss (European Human Genetics Conference 2009, Vienna, Austria). Eur J Hum Genet; 2009; Volume 17 Supplement 2; p 150.

12. A. R. Kamyab, N. Masroori, F. Maryami, **R. Mirfakhraie**, F. Maryami, M. Karimipoor, R. Mahdian; Quantitative real-time PCR technique for rapid and prenatal diagnosis of trisomy 21 syndrome (European Human Genetics Conference 2009, Vienna, Austria). Eur J Hum Genet; 2009; Volume 17 Supplement 2; p 165-6.

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14. **R. Mirfakhraie**, S. M. Kalantar, M. Montazeri, N. Salsabili, G. Modabber, S.M. SeyedHassani, M. Houshmand, F. Mirzajani; AZF microdeletions on the Y chromosome of Iranian infertile men with non-obstructive azoospermia (European Human Genetics Conference 2008, Barcelona, Spain). Eur J Hum Genet; 2008; Volume 16 Supplement 2; p 173.

15. F. Mirzajani, F. **Mirfakhraie, R**. Asadi, M. Rafiee, H. R. Kianifar; No significant contribution between M470V and 5T polymorphisms and cystic fibrosis phenotype in Iranian patients (European Human Genetics Conference 2008, Barcelona, Spain). Eur J Hum Genet; 2008; Volume 16 Supplement 2; p 382.

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17. **Reza Mirfakhraie**, Sara Rahmani, Maryam Montazeri, Seyed MehdiKalantar, Nader Salsabili, FarzanehMirzajan. No Association Found Between Gr/Gr Deletions And Infertility In Iranian Azoospermic Infertile Men. 2nd International Student Conference of Biotechnology, 2008, Tehran, Iran.

18. **Reza Mirfakhraie**, Seyed Mehdi Kalantar, Nader Salsabili, Maryam Montazeri, GelayolModabber, MasoudHoushmand, FarzanehMirzajan. Prevalence of Y ChromosomeMicrodeletions In Iranian Azoospermic Candidates For Intracytoplasmic Sperm Injection. 2nd International Student Conference of Biotechnology, 2008, Tehran, Iran.

19. **Reza Mirfakhraie**, FarzanehMirzajan. Biochemical And Molecular Diagnosis Of Galactosemia In Iranian Patients. 2nd International Student Conference of Biotechnology, 2008, Tehran, Iran.

20. **R. Mirfakhraie**, M. Gorgipoor, M. Houshmand, H. Kianifar, M. Rafiee, E.Talachian, F. Mirzajani; Cystic Fibrosis: A frequent disease with heterogenous mutation spectrum in Iran (European Human Genetics Conference 2007, Nice, France). Eur J Hum Genet; 2007; Volume 15 Supplement 1; p 53.

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23. M. Rostami, M. DehghanManshadi, T. Majidizadeh, S. Seyedhasani, **R. Mirfakhraei**, M. Ebrahimi, M. houshmand; GDAP1 gene mutation study among four Iranian families; Axonal recessive Charcot-Marie-Tooth type 4 disease (European Human Genetics Conference 2007, Nice, France). Eur J Hum Genet; 2007; Volume 15 Supplement 1; p 250.

24. Mirzajani F, **Mirfakhraie R**, Nabati F, NaghibzadehTabatabaei N, Saky S, Shojaei S, Fatahi F, Talachian E, Kianifar HR, Houshmand M. Galactosemia: Results of 5 years study on Iranian patients. J Inherit Metab Dis; 2007; Vol 30 Suppl 1; p 56.

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27. F. Mirzajani, **R. Mirfakhraie**, M. Amiri, M. Jalalirad, H. Kianifar, M. Rafiei, E. Talachian, M. Houshmand; CFTR gene mutations in Iranian Cystic Fibrosis patients (European Human Genetics Conference 2006, Amsterdam, The Netherlands). Eur J Hum Genet; 2006; Volume 14 Supplement 1; p 112.

28. **R. Mirfakhraie**, F. Nabati, N. NaghibzadehTabatabaei, E. Talachian, H.Kianifar, M. Houshmand, F. Mirzajani; Mutation Detection of GALT gene in Iranian Galactosemia Patients (European Human Genetics Conference 2006, Amsterdam, The Netherlands). Eur J Hum Genet; 2006; Volume 14 Supplement 1; p 126.

29. Mehdipour P, **Mirfakhraie R**, Mohammadi J, Khodabandeh A, Ezatizadeh V, Hajjarizadeh A, Mehdipour AR.Cytogenetics findings in acute myelomonocytic leukemia and acute monocytic leukemia. The 2nd International Congress on Cancer Genetics, Tehran, Iran, 2006.

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31. **R. Mirfakhraie**, G. Javadi, P. Mehdipour; Cytogenetic Abnormalities in the Lymphocytes of Iranian Breast Cancer Patients.Eur J Hum Genet; 2005; Volume 13 Supplement 1; p 163.

32. F. Mirzajani, S. ZareKarizi, **R. Mirfakhraie**, M. Hooshmand; A Pilot detection study of alpha(1) antitrypsin deficiency in a targeted population in Iran (European Human Genetics Conference 2005,Prague, Czech Republic). Eur J Hum Genet; 2005; Volume 13 Supplement 1; p 230.

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34. S. ZareKarizi, M. Houshmand, **R. Mirfakhraie**, S. Ghandili, I. Majd, T. Zaman, N. Naghibzadeh, F. Mirzajani; Frequency of Z and S mutations in Alpha-1-Antitrypsin gene in Iranian childrenaffected by idiopathicliver dysfunction (European Human Genetics Conference 2003, Birmingham, England). Eur J Hum Genet; 2003; Volume 11 Supplement 1; p 169.

35. F. Mirzajani, N. NaghibzadehTabatabaee, S. Ghandili, **R. Mirfakhraie**, S. Zare, E. Talachian, I. Majd, M. Sanati, M. Houshmand; Biochemical and molecular diagnosis of galactosemia in Iranian infants with galactosemicSymptoms (European Human Genetics Conference 2003, Birmingham, England). Eur J Hum Genet; 2003; Volume 11 Supplement 1; p 169.

۳۶- فاطمهاسکندری،محمدتقیاکبری،شهرهزارعکاریزی،**رضامیرفخرایی**. بررسی ارتباط فاکتورهای ترومبوفیلیایی FII prothrombin (G20210A)، FV Leiden (G1691A) و FXIII (G103T) با سندروم سقط مکرر در بیماران ایرانی. اولین همایش ملی یافته های نوین در علوم زیستی. اردیبهشت ماه ۱۳۹۲، پیشوا، ورامین.

۳۷- شهره زارع کاریزی، حبیب احمدی، میلاد غلامی، **رضا میرفخرایی**. بررسی چندشکلی های A1298C و C677T ژن MTHFR در بیماران مبتلا به آزواسپرمی. اولین همایش ملی یافته های نوین در علوم زیستی. اردیبهشت ماه ۱۳۹۲، پیشوا، ورامین.

Research interests:

Genetic aspects of male infertility
Metabolic disorders