

CURRICULUM VITAE



Name: Zivar Salehi

Gender: Female

Nationality: Iranian

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Current position: Professor in Molecular Genetics;
Department of Biology- University of Guilan.

ACADEMIC QUALIFICATIONS

PhD in Molecular Genetics: University of Manchester, Institute of Sciences and Technology (UMIST), Department of Biomolecular Sciences, Manchester, England (2002).

Thesis title: Structure and function of yeast Cap-binding proteins

Doctor of Medicine (General practitioner): Hamedan Medical University- Faculty of Medicine

Teaching experiences:

BSc:

1. Cell and Molecular Biology
2. Human Genetics
3. Molecular Genetics

MSc:

1. Methods in DNA recombination
2. Advanced Molecular Biology
3. Developmental Genetics

PhD:

Molecular Biology

Medical School:

Human Genetics (for Medical students)

Current Research projects:

1. **Cancer Biology**
2. **Genetic of Infertility**
3. **Multiple sclerosis**

Books:

1. **Cancer Genetics**, Guilan University Press, 2013
2. **Medical Genetics**, Thompson and Thompson, 2016, (Translation)
3. **Cell and Molecular Biology**, Loodish (2016) (Translation)
4. **Medical Genetics**, Thompson and Thompson, 2016, (Translation)

Editorial Board

1. Caspian Journal of Neurological Sciences
2. Journal of Aquatic Physiology and Biotechnology

Reviewed Published papers in Journals:

1. Akbarian F, Ataei M, **Salehi Z**, Nabavi M, Sanati MH. The protective role of TBX21-1514T>C polymorphism in susceptibility to multiple sclerosis. **Iran J Neurol.** 2018 Jul 6;17(3):111-116.
2. Zafarghandi Motlagh F, Fallah MS, Bagherian H, Shirzadeh T, Ghasri S, Dabbagh S, Jamali M, **Salehi Z**, Abiri M, Zeinali S. Molecular genetic diagnosis of Glanzmann syndrome in Iranian population; reporting novel and recurrent mutations. **Orphanet J Rare Dis.** 2019 Apr 27;14(1):87.
3. Akbarian F, Ataei M, **Salehi Z**, Nabavi M, Sanati MH. The protective role of TBX21-1514T>C polymorphism in susceptibility to multiple sclerosis. **Iran J Neurol.** 2018 Jul 6;17(3):111-116.
4. Bahreini F, Ramezani S, Shahangian SS, **Salehi Z**, Mashayekhi F. miR-559 polymorphism rs58450758 is linked to breast cancer. **British Journal of Biomedical Sciences.** 2019 Oct 23.

5. Eslaminejad F, Mashayekhi F, Osalou MA, Sasani ST, **Salehi Z**. BMP4 circulating levels and promoter (rs17563) polymorphism in risk prediction of idiopathic male infertility. **British Journal of Biomedical Sciences**. 2019 Apr;76(2):98-100.
6. Raad M, **Salehi Z**, Sasani ST, Mashayekhi F, Aminian K, Koutenayi MH. Aberrant methylation of miR-125b1 in gastric cancer: A case-control study. **Neoplasma**. 2019 Jul 23;66(4):603-608.
7. Shabani S, Mashayekhi F, Shahangian SS, **Salehi Z**. Genetic polymorphism of glial cell derived neurotrophic factor (GDNF) in male infertility. **British Journal of Biomedical Sciences**. 2018 Nov 8. [Epub ahead of print].
8. Soleimani R, **Salehi Z**, Soltanipour S, Hasandokht T, Jalali MM. SLC6A3 polymorphism and response to methylphenidate in children with ADHD: A systematic review and meta-analysis. **American Journal of Medical Genetics B Neuropsychiatr Genet**. 2018 Apr;177(3):287-300.
9. Mohammaddoust S, **Salehi Z**, Saeidi Saedi H. SEPP1 and SEP15 gene polymorphisms and susceptibility to breast cancer. **Br J Biomed Sci**. 2018 Jan;75(1):36-39.

10. Ghayeghran AR, Akbarshahi M, **Salehi Z**, Davoudi-Kiakalayeh A. Analysis of apolipoprotein E genetic variation in patients with Alzheimer disease referred to Imam Reza Clinic, Rasht, Iran, in 2015. **Iran J Neurol.** 2017 Oct 7;16(4):173-177.
11. Mashayekhi S, **Salehi Z**, Saberi A, Shakiba M, Mashayekhi F, Yousefzadeh-Chabok S. Functional variants of p21 gene alter susceptibility to meningioma. **British Journal of Biomedical Sciences.** 2018 Apr;75(2):92-94.
12. Saberi A, **Salehi Z**, Naderinabi B, Ansari SH, Mashayekhi S. Genetic Dimension of Intervertebral Disc Degeneration: Polymorphism of Matrix Metalloproteinase 1 and 3 in the North Iranian Population. **Turk Neurosurg.** 2018;28(3):447-453.
13. Hosseinpour Z, **Salehi Z**, Talesh Sasani S, Aminian K. p53 and miR-34b/c genetic variation and their impact on ulcerative colitis susceptibility. **Br J Biomed Sci.** 2018 Jan;75(1):46-49.
14. Mirnoori SM, Shahangian SS, **Salehi Z**, Mashayekhi F, Talesh Sasani S, Saedi HS. Influence of single nucleotide polymorphisms in pri-miR-124-1 and STAT3 genes on gastric cancer susceptibility. **British Journal of Biomedical Sciences.** 2018 Oct;75(4):182-186.
15. **Salehi Z**, Gholaminia M, Gholaminia Z, Panjtanpanah M, Qazvini MG. [The GG genotype of the HSPA1B gene is associated with

increased risk of glaucoma in northern Iran]. **Molecular Biology (Mosk)**. 2017 Jan-Feb;51(1):31-36.

16. Haghshenas M, Akbari MT, Karizi SZ, Deilamani FK, Nafissi S, **Salehi Z**. Evaluation of point mutations in dystrophin gene in Iranian Duchenne and Becker muscular dystrophy patients: introducing three novel variants. **Journal of Genetics**. 2016 Jun;95(2):325-9.
17. Aminian K, Mashayekhi F, Mirzanejad L, **Salehi Z**. A functional genetic variant in GAS5 lncRNA (rs145204276) modulates p27Kip1 expression and confers risk for gastric cancer. **British Journal of Biomedical Sciences**. 2018 Oct 1. [Epub ahead of print].
18. Hosseinpour M, Mashayekhi F, Bidabadi E, **Salehi Z**. Neuropilin-2 rs849563 gene variations and susceptibility to autism in Iranian population: A case-control study. **Metabolic Brain Disease**. 2017 Oct;32(5):1471-1474.
19. Mashayekhi F, **Salehi Z**. Administration of vitamin D3 induces CNPase and myelin oligodendrocyte glycoprotein expression in the cerebral cortex of the murine model of cuprizone-induced demyelination. **Folia Neuropathol**. 2016;54(3):259-264.
20. Rosa Haghiri, Farhad Mashayekhi, Elham Bidabadi and **Zivar Salehi**. Analysis of methionine synthase (rs1805087) gene

polymorphism in Autism patients in northern Iran population. **Acta Neurobiology Experimentalis**. 2016, 76: 318–323.

21. Alipour M, Mashayekhi F, **Salehi Z**. Association of leukemia inhibitory factor gene polymorphism and in vitro fertilization outcome in a population in northern Iran. **Cell Mol Biol** (Noisy-le-grand). 2017 Mar 31;63(3):58-61.
22. Rahimi R, Mirzaei B, Rahmani-Nia F, **Salehi Z**. Effects of creatine monohydrate supplementation on exercise-induced apoptosis in athletes: A randomized, double-blind, and placebo-controlled study. **J Res Med Sci**. 2015 Aug;20(8):733-8.
23. Ghasemvand F, Omidinia E, **Salehi Z**, Rahmanzadeh S. Relationship between polymorphisms in the proline dehydrogenase gene and schizophrenia risk. **Genet Mol Res**. 2015 Oct 2;14(4):11681-91.
24. Mazjin MA, **Salehi Z**, Mashayekhi F, Bahadori M. Evaluation of GPx1 Pro198Leu Polymorphism in Idiopathic Male Infertility. **Molecular Biology**. 2016 Jan-Feb;50(1):89-93.
25. Mashayekhi, Mizban, Bidabadi, **Salehi**. The association of SHANK3 gene polymorphism and autism. **Minerva Pediatrica**. 2016 Jun 8. [Epub ahead of print]

26. Mashayekhi F, Yousefi M, **Salehi Z**, Pournourali M. The association of -656T>G and 1349T>G polymorphisms of ApE1 gene and the risk of female infertility. **J Obstet Gynaecol.** 2016 May;36(4):544-7.
27. Hadiyan, Mashayekhi and **Salehi**, Administration of leukemia inhibitory factor increases Opalin and myelin oligodendrocyte glycoprotein expression in the cerebral cortex of cuprizone-induced model of demyelination, **Folia Neuropathologica**, 2015;53(2):147-52.
- 28.** Mashayekhi, Yousefi, **Salehi**, Saedi and Pournourali. The association of ApE1 -656T>G and 1349T>G polymorphisms with breast cancer susceptibility in northern Iran, **Cell Molecular Biology.** 2015 Aug 28;61(4):70-4.
- 29.** Mashayekhi, Hadiyan and **Salehi**. Soluble c-Met expression in the serum of patients with different stages of prostate cancer. **European Journal of Oncology**, 2015, 20;3: 168-73.
30. F. Karimi karimlo, Farhad Mashayekhi, Z. Zahiri Sorouri, M.H. Bahadori, **Z. Salehi**. Association of GSTM1 and GSTT1 gene polymorphisms and in vitro fertilization outcome in a population in northern Iran, **Journal of Obstetric and Gynecology.** 2015 Jan;35(1):46-8.

31. Mashayekhi F, Behrouzi S, Yousefi M, **Salehi Z**. The association of PON1 192 Q/R polymorphism and the risk of female infertility. **Cell Molecular Biology**. 2015 May 28;61(2):74-7.
32. Yousefi M, **Salehi Z**, Mashayekhi F, Bahadori MH. The association of ApE1 -656T>G and 1349T>G polymorphisms and idiopathic male infertility risk. **Int Urol Nephrol**. 2015 Jun;47(6):921-6.
33. Sara Pishgah Hadyan, **Zivar Salehi**, Farhad Mashayekhi, Hamidi Madani Ali. The association between DAZ T>C polymorphism and idiopathic male infertility risk in north of Iran. **Molecular Biology**, 2015, Vol. 49, No. 1, pp. 168–170.
34. Mehdipour Moghaddam MJ, Mirbagheri AA, **Salehi Z**, Habibzade SM. Prevalence of Class 1 Integrons and Extended Spectrum Beta Lactamases among Multi-Drug Resistant Escherichia coli Isolates from North of Iran. **Iran Biomed J**. 2015;19(4):233-9.
35. **Salehi Z**, Afzali S, Shabanipour S, Rahimi A. Evaluation of FGFR2 gene polymorphism in women with breast cancer. **Cell Mol Biol (Noisy-le-grand)**. 2015 May 28;61(2):94-7.
36. Jahantab M, Haseli M, **Salehi Z**. Morphological and genetic characteristics of the anisakid nematode *Raphidascaris acus* from the southwest Caspian Sea: evidence for the existence of sibling

species within a species complex. **Parasitol Res.** 2014 Sep;113(9):3419-25.

37. Sabet EE, **Salehi Z**, Khodayari S, Zarafshan SS, Zahiri Z. Polymorphisms of glutathione peroxidase 1 (GPX1 Pro198Leu) and catalase (CAT C-262T) in women with spontaneous abortion. **Syst Biol Reprod Med.** 2014 Oct;60(5):304-7.
38. Eskafi Sabet E, **Salehi Z**, Khodayari S, Sabouhi Zarafshan S, Zahiri Z. Spontaneous abortion and functional polymorphism (Val16Ala) in the manganese SOD gene. **J Obstet Gynaecol.** 2015 Feb;35(2):159-62.
39. Zarafshan SS, **Salehi Z**, Salehi E, Sabet EE, Shabanipour S, Zahiri Z. Polymorphism of catalase gene (CAT C-262T) in women with endometriosis. **J Obstet Gynaecol.** 2015 Apr;35(3):269-71.
40. Khoshdelrad N, **Salehi Z**, Mashayekhi F, Abbasi O, Mirzajani E. Soluble c-Met expression in the peritoneal fluid and serum of patients with different stages of endometriosis. **Arch Gynecol Obstet.** 2014 May;289(5):1107-12.
41. Yousefi, **Salehi** , Mashayekhi, Bahadori. Association of ApE1 gene Asp148Glu polymorphism and idiopathic male infertility. **Journal of Gorgan University of Medical Sciences.** 2015, | 17, 2.

42. Tajbakhsh, Mashayekhi , **Salehi**, Saeedi Saedi, Yousefi. The association of ApE1 gene Asp148Glu polymorphism and breast cancer risk in Guilan population. Arak Medical University Journal (AMUJ) 2015; 18(95): 10-16.
43. Marzband, Mashayekhi, **Salehi**, Bahadori. Association of Arg399Gln Polymorphism of XRCC1 with Idiopathic Male Infertility in Guilan Province Arak Medical University Journal (AMUJ)2015; 18(100): 85-91.
44. Arjmand, **Salehi** , Mashayekhi, Najafi, Mirpoor. Analysis of Glu298Asp eNOS Gene polymorphism in patients with Gastric Cancer in the Guilan population. Arak Medical University Journal (AMUJ) 2014; 17(89): 53-62
45. Hadiyan, Mashayekhi and **Salehi**, Administration of leukemia inhibitory factor increases Opalin and myelin oligodendrocyte glycoprotein expression in the cerebral cortex of cuprizone-induced model of demyelination, **Folia Neuropathologica**, 2015;53(2):147-52.
46. Siamak Khodayari, **Zivar Salehi**, Saba Fakhrieh Asl , Keyvan Aminian, Nadia Mirzaei Gisomi, Saeideh Torabi Dalivandan, Catalase gene C-262T polymorphism: importance in ulcerative colitis. **Journal of Gastroenterology and Hepatology**. 2013 May;28(5):819-22.

47. Sabouhi S, **Salehi Z**, Bahadori MH, Mahdavi M. Human catalase gene polymorphism (CAT C-262T) and risk of male infertility. **Andrologia**. 2014 Jan 23. doi: 10.1111/and.12228. [Epub ahead of print]
48. Khoshdelrad N, **Salehi Z**, Mashayekhi F, Abbasi O, Mirzajani E. Soluble c-Met expression in the peritoneal fluid and serum of patients with different stages of endometriosis. **Arch Gynecol Obstet**. 2013 Nov 12.
49. Moradi MT, **Salehi Z**, Asl SF, Aminian K, Hashtchin AR. Helicobacter pylori infection and MDM2 SNP309 association with gastric cancer susceptibility. **Genetic Testing and Molecular Biomarkers**. 2013 Nov;17(11):794-8.
50. **Salehi Z**, Hadiyan SP, Navidi R. Ciliary neurotrophic factor role in myelin oligodendrocyte glycoprotein expression in Cuprizone-induced multiple sclerosis mice. **Cell Mol Neurobiol**. 2013 May;33(4):531-5.
51. Nasrin Ghanami Gashti¹, Zivar Salehi¹, Ali Hamidi Madani² and Saeideh Torabi Dalivandan. The 4977-bp mitochondrial DNA deletion in infertile patients with varicocele. **Andrologia**. In press.

52. **Salehi Z**, Gholizadeh L, Vaziri H, Madani AH. Analysis of GSTM1, GSTT1, and CYP1A1 in Idiopathic Male Infertility. **Reproductive Sciences** 2011 Jul 20. [Epub ahead of print].
53. **Salehi Z**, Hadavi M. Analysis of the codon 72 polymorphism of TP53 and human papillomavirus infection in Iranian patients with prostate cancer. *J Med Virol.* 2012 Sep;84(9):1423-7.
54. Mohammad Taher Moradi¹, Keyvan Aminian², Saba Fakhrieh Asl², Abbas Yazdanbod³, Anna Rafiei, Hashtchin¹, Zivar Salehi. Effect of the p53 codon 72 and MDM2 SNP309 polymorphisms on gastric cancer risk among Iranian population, **Genetic Testing and Molecular Biomarkers.** *In press.*
55. Emamifar B, **Salehi Z**, Mehrafza M, Mashayekhi F. The vascular endothelial growth factor (VEGF) polymorphisms and the risk of endometriosis in northern Iran. **Gynecol Endocrinol.** 2011 Nov 30.
56. Borhani N, Rajaei F, **Salehi Z**, Javadi A. Analysis of DNA fragmentation in mouse embryos exposed to an extremely low-frequency electromagnetic field. **Electromagn Biol Med.** 2011 Dec;30(4):246-52.

57. Mashayekhi F, **Salehi Z**. Expression of leukemia inhibitory factor in the cerebrospinal fluid of patients with multiple sclerosis. **J Clin Neurosci**. 2011 Jul;18(7):951-4.
58. Vaji S, **Salehi Z**, Aminian K. Association of p53 codon 72 genetic polymorphism with the risk of ulcerative colitis in northern Iran. **Int J Colorectal Dis**. 2011 Feb;26(2):235-8.
59. **Zivar Salehi** and Farzad Rajaei. Expression of hepatocyte growth factor in the serum and cerebrospinal fluid of patients with Parkinson's disease. **Journal of Clinical Neuroscience**. 2010 Dec;17(12):1553-6.
60. **Zivar Salehi¹**, Mohammadamin Miri¹, Keyvan Aminian² and Fariborz Mansour-Ghanaei. *Helicobacter pylori* infection and colorectal cancer in Guilan province of Iran. **Annals of Biological Research**, 2011, 2 (1) : 32-39.
61. Kazemi M, **Salehi Z**, Chakosari RJ. TP53 codon 72 polymorphism and breast cancer in northern Iran. **Oncology Research**. 2009;18(1):25-30.
62. **Salehi Z**, Mollasalehi H, Jelodar MH, Kazemi M, Zahmatkesh R. The relationship between *Helicobacter pylori* infection and gastric adenocarcinoma in Northern Iran. **Oncology Research**. 2010;18(7):323-8.

63. **Zivar Salehi**, Farhad Mashayekhi, Mohammad Naji and Sareh Pandamooz, (2009) Insulin like growth factor-1 and Insulin like growth factor binding proteins concentrations in the cerebrospinal fluid during mouse embryonic development, ***Journal of Clinical Neuroscience***. 16(7):950-3.
64. **Zivar Salehi**, Farhad Mashayekhi and Mohammad Naji, (2008) Insulin like growth factor-1 and insulin like growth factor binding proteins in the cerebrospinal fluid and serum from patients with Alzheimer's disease, ***Bio Factor***, 33(2):99-106.
65. **Salehi Z**, Mashayekhi F. (2009) Brain-derived neurotrophic factor concentrations in the cerebrospinal fluid of patients with Parkinson's disease. ***J Clinical Neuroscience***. 16(1): 90-3.
66. Farhad Mashayekhi, Majid Azari, Lotfali Masomi Moghadam, Meysam Yazdankhah, Mohammad Naji and **Zivar Salehi**. (2009) Changes in the cerebrospinal fluid nerve growth factor levels during chick embryonic development, ***Journal of Clinical Neuroscience***, 16(10):1334-7.
67. Birgani SA, **Salehi Z**, Houshmand M, Mohamadi MJ, Promehr LA, Mozafarzadeh Z. (2009) Novel mutations of CHST6 in Iranian patients with macular corneal dystrophy. ***Molecular Vision***. 15:373-7.

68. **Salehi Z**, Abadi AS, Ismail PB, Kqueen CY, Jelodar MH, Kamalidehghan B. (2008) Evaluation of Helicobacter pylori vacA Genotypes in Iranian Patients with Peptic Ulcer Disease. ***Digestive Disease and Sciences***. Dec 12. [Epub ahead of print].
69. **Salehi Z. (2009)** In vivo injection of fibroblast growth factor-2 into the cisterna magna induces glypican-6 expression in mouse brain tissue. ***J Clinical Neuroscience***. 2009 May;16(5):689-92.
70. **Zivar Salehi**, Farhad Mashayekhi, Mohammad Naji and Sareh Pandamooz, (2009) Insulin like growth factor-1 and Insulin like growth factor binding proteins concentrations in the cerebrospinal fluid during mouse embryonic development, ***Journal of Clinical Neuroscience***. 16(7):950-3.
71. **Zivar Salehi**, Farhad Mashayekhi and Mohammad Naji, (2008) Insulin like growth factor-1 and insulin like growth factor binding proteins in the cerebrospinal fluid and serum from patients with Alzheimer's disease, ***Bio Factors***, 33(2):99-106.
72. **Salehi Zivar**, Halimi Mohammad, Rassa Mehdi, Ahaki Moheb, Molla Salehi Hamid Reza and Mashayekhi Farhad. (2009) Helicobacter pylori *cagA* status and peptic ulcer disease in Iran, ***Digestive Disease and Sciences***, 54(3):608-13.

73. **Salehi Z.** and Mashayekhi F.(2009) Cerebrospinal fluid brain derived neurotrophic factor concentrations in the patients with Parkinson disease, ***Journal of Clinical Neuroscience.*** Jan;16(1):90-3.
74. **Salehi Z.** and Mashayekhi F. (2007) Eukaryotic translation initiation factor 4E (eIF4E) expression in the brain tissue is induced by infusion of nerve growth factor into the mouse cisterna magnum: an in vivo study. ***Molecular and Cellular Biochemistry.*** 304(1-2):249-53.
75. **Salehi Z,** Mashayekhi F, Shahosseini F. (2007) Significance of eIF4E expression in skin squamous cell carcinoma. ***Cell Biology International.*** 31(11):1400-4.
76. Farhad Mashayekhi and **Zivar Salehi,** (2007) Cerebrospinal fluid stem cell factor concentrations in the children with meningitis. ***Journal of Biological Sciences.*** 7 (7); 1244-1248.
77. F. Mashayekhi and **Z. Salehi ,** (2007) Infusion of anti-nerve growth factor into the cisternum magnum of chick embryo leads to decrease cell production in the cerebral cortical germinal epithelium. ***European Journal of Neurology.*** 14:181-186.

78. Farhad Mashayekhi and **Zivar Salehi**, (2006) Cerebrospinal fluid nerve growth factor level in the patients with Alzheimer disease. *Annals of Saudi Medicine*. 26(4):278-82.
79. **Z. Salehi** and F. Mashayekhi, (2006) Expression of the Eukaryotic Translation Initiation Factor eIF4E and 4E-BP1 in esophageal cancer. *Clinical Biochemistry*; 2006 Apr;39(4):404-9.
80. **Z. Salehi** and F. Mashayekhi. (2006) The role of cerebrospinal fluid on neural cell survival in developing cerebral cortex. *European Journal of Neurology*. 2006, 13: 760–764.
81. Mashayekhi F. and **Salehi Z.** (2006) The importance of cerebrospinal fluid on neural cell proliferation in developing chick cerebral cortex. *European Journal of Neurology* 13 (3): 266–272.
82. F. Mashayekhi and **Z. Salehi**, (2005) Purification of *Saccharomyces cerevisiae* eIF4E/eIF4G/Pab1p complex with capped mRNA. *Iranian International Journal of Science*. 16(1): 25-31.
83. Mashayekhi F. and **Salehi.Z** (2005) Expression of nerve growth factor in cerebrospinal fluid of congenital hydrocephalic and normal children .*European Journal of Neurology*. **12**: 632-637.

84. **Salehi Z**, Geffers L, Vilela C, Birkenhäger R, Ptushkina M, Berthelot K, Ferro M, Gaskell S, Hagan I, Stapley B, McCarthy JE. A nuclear protein in *Schizosaccharomyces pombe* with homology to the human tumor suppressor Fhit has decapping activity (2002) *Molecular Microbiology* ;46(1):49-62.

Conferences

1. Novel cap-associated functions in budding and fission yeast. (2002) Translation UK. University of Manchester, Institute of Sciences and Technology (UMIST), **Manchester, England**.
3. Deficient neural stem cell proliferation in the germinal epithelium of hydrocephalic brain. The first cell biology and Genetics meeting, 1381, Ahwaz, **Iran**.
4. Cah1, a new cap associated protein, has a homology with the human tumour repressor protein Fhit. The first cell biology and Genetics meeting, 1381, Ahwaz, **Iran**.
5. Abnormal development of cerebral cortex in congenital hydrocephalus. Biology meeting, 2003, Uromia, **Iran**.
6. Proliferation and apoptosis in the developing cerebral cortex. Biology meeting, 2003, Uromia, **Iran**.
7. Analysis of the interaction of eIF4E and Cah1 with capped and uncapped mRNA. Biology meeting, 2003, Uromia, **Iran**.
8. The role of Cajal Retzius cells and expression of reelin during rat cerebral cortex development. 1st cell and Developmental biology meeting. 2003, Tehran university, Tehran, **Iran**.
9. Heparan sulfate potentiates the mitogenic effect of fibroblast growth factor (FGF-2) on the developing cerebral cortex cells. 1st cell and Developmental biology meeting. 2003, Tehran university, Tehran, **Iran**.
10. Cloning and purification of eIF4E/eIF4G/PABP complex. Biotechnology meeting, 2003, Mashad, **Iran**.

11. Nhm1 a new cap-binding protein in *Schizosaccharomyces pombe* (2003)
The second international meeting on Yeast apoptosis (IMYA) Smolenice,
Slovak Republic.
12. The Role of Cerebrospinal Fluid on Chick Cerebral Cortex Development. Society
for Research into Hydrocephalus and Spina Bifida, **Dublin ,Ireland** ,June 2004.
13. Nerve Growth Factor Level in the Cerebrospinal Fluid in Hydrocephalus. Society
for Research into Hydrocephalus and Spina Bifida , **Dublin ,Ireland** ,June 2004
14. Expression of nerve growth factor in the cerebrospinal fluid with congenital
hydrocephalus, 15th International society for Developmental Neurosciences (ISDN)
Edinburgh, **United Kingdom.** August 2004.
15. The role of cerebrospinal fluid on neural cell survival in the developing chick
cerebral cortex: An **in vivo** study. Bioscience- From genes to systems, **Glasgow,**
United Kingdom (2005)
16. Nerve growth factor regulates the death of neurons in developing cerebral cortex.
Bioscience- From genes to systems, **Glasgow, United Kingdom (2005)**
17. 4E-Binding protein 1 expression is inversely correlated to the progression of
prostate cancer. First international Biology Conference, Guilan University, Rasht,
Iran. August 2005.
18. Analysis of eukaryotic initiation factor 4E expression in brain tumor. First
international Biology Conference, Guilan University, Rasht, **Iran.** August 2005.
19. Analysis of eIF4E over expression in skin cancers. First international Biology
Conference, Guilan University, Rasht, **Iran.** August 2005.
20. An *in vivo* study of the role of cerebrospinal fluid on neuronal proliferation and
survival in chick embryogenesis. First international Biology Conference, Guilan
University, Rasht, **Iran.** August 2005.
22. The importance of neurotrophin-3 in neural cell proliferation during cerebral
cortical development. 33rd Annual meeting of the Fetal and Neonatal physiological
Society, (2006) **Cambridge, England**
23. The vital role of cerebrospinal fluid on cerebral cortical development, 33rd Annual
meeting of the Fetal and Neonatal physiological Society, (2006) **Cambridge,**
England
24. Neural cell death is induced by neutralising antibody to basic fibroblast growth
factor; An *in vivo* study. 33rd Annual meeting of the Fetal and Neonatal
physiological Society, (2006) **Cambridge, England**

25. Expression of stem cell factor in cerebrospinal fluid of non-communicating Hydrocephalus. 33rd Annual meeting of the Fetal and Neonatal physiological Society, (2006) **Cambridge, England**.
26. Microsatellite DNA analysis of *Esox lucius lineus* in Anzali Lagoon population, 14th Biology Conference, Tarbiat Modares university, **Tehran, Iran**. August-2006.
27. Micro satellite DNA analysis of *Salmo trutta caspius* in West Mazandaran population, 14th Biology Conference, Tarbiat Modares university, **Tehran, Iran**. August-2006.
28. Genetic diversity of Caspian Sea *Salmo trutta caspius* in Tonekabon area population using microsatellite markers, 14th Biology Conference, Tarbiat Modares university, **Tehran, Iran**. August-2006.
29. Electrophoretical analysis of cerebrospinal fluid proteome in late developmental stages in chick embryos. 2nd National meeting, Animal sciences, Guilan University, 5-7 september 2007
30. Cell death in the developing chick cerebral cortex. 2nd National meeting, Animal sciences, Guilan University, 5-7 september 2007
31. BDNF plays an important role in embryonic cerebrospinal fluid trophic properties over chick embryo neuroepithelial stem cells, 2nd National meeting, Animal sciences, Guilan University, 5-7 september 2007
32. Cerebrospinal fluid total protein concentration and cerebral cortical development in the chick fetuses, 2nd National meeting, Animal sciences, Guilan University, 5-7 september 2007
33. Neural cell death is induced by neutralizing antibody to nerve growth factor; an in vivo study, British society for Developmental biology, Sheffield, **England**, September 2007
34. Brain derived neurotrophic factor induces chondroitin sulfate expression in the developing chicken brain tissue, British society for Developmental biology, Sheffield, **England**, September 2007
35. Eukaryotic translation initiation factor 4E (eIF4E) expression in the brain tissue is induced by infusion of nerve growth factor into the mouse cisterna magnum: an in vivo study. British society for Developmental biology, Sheffield, **England**, September 2007
36. Administration of anti-stem cell factor antibody into the cerebrospinal fluid leads to increased cell death in the developing cerebral cortex, British society for Developmental biology, Sheffield, **England**, September 2007
37. Significance of cerebrospinal fluid in cerebrospinal cortical development, British society for Developmental biology, Sheffield, **England**, September 2007

38. THE CORRELATION BETWEEN HELICOBACTER PYLORI INFECTION AND GASTRIC CARCINOGENESIS IN IRAN, International Biochemistry and Molecular Biology, Shiraz, **Iran**, 2007
39. THE INVOLVEMENT OF AGGRECAN POLYMORPHISM IN DEGENERATION OF HUMAN INTERVERTEBRAL DISC, International Biochemistry and Molecular Biology, Shiraz, **Iran**, 2007
40. RELATIONSHIP BETWEEN MUTATIONS OF MITOCHONDRIAL DNA ND1 GENE AND TYPE 2 DIABETES, International Biochemistry and Molecular Biology, Shiraz, **Iran**, 2007
41. Expression of eIF4E in non-small cell lung cancer in response to IGF-1, An *in vitro* study, International Lung Cancer Conference, , Arena & Convention Centre, Liverpool, **England**, 9th – 12th July 2008
42. eIF4E expression and 4EBP1 phosphorylation status in lung cancer, International Lung Cancer Conference, Arena & Convention Centre, Liverpool, **England**, 9th – 12th July 2008.
43. *TP53* and *P21* polymorphisms and risk of lung cancer in Iranian population, International Lung Cancer Conference, Arena & Convention Centre, Liverpool, **England**, 9th – 12th July 2008.
44. P53 codon 72 polymorphism in Non-small cell lung cancer of patients from Iran, International Lung Cancer Conference, Arena & Convention Centre, Liverpool, **England**, 9th – 12th July 2008.
45. CYP17 gene polymorphisms and endometriosis in an Iranian population, The First National Congress on Endometriosis, Avicenna Research Institute, Nov. 12-13, 2008, Tehran, Iran
46. Endometriosis and Intercellular adhesion molecule-1 (ICAM-1) gene polymorphisms, The First National Congress on Endometriosis, Avicenna Research Institute, Nov. 12-13, 2008, Tehran, Iran
47. Insulin like growth factor-1 level in the cerebrospinal fluid from patients with astrocytomas, National Cancer research Institute, The International convention centre, 5-8 October 2008, Birmingham, UK,
48. Eukaryotic translation initiation factor 4E and angiogenesis in human astrocytomas, National Cancer research Institute, The International convention centre, 5-8 October 2008, Birmingham, UK,