

Curriculum Vitae (Personal Description)

Fatemeh Bahreini, Ph.D.

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Education:

MSc in Human Genetics

PhD in Medical Genetics

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Research Interest:

- ▶ Cytogenetics
- ▶ Mithochondrial diseases
- ▶ Cancer study
- ▶ Epigenetics study

Teaching Experiences:

- ▶ Medical Genetics
- ▶ Genetic Engineering
- ▶ Pathobiology
- ▶ Molecular and Cellular Biology
- ▶ Protein Engineering
- ▶ New Topics in Molecular Medicine

Workshops Attended

- 1- Genetic counseling and its role in disability. Iran University of Medical Sciences, Tehran, Iran. 10-11 July 2016.
- 2- 1st Advanced Workshop on Clinical Cytogenetics. At Tehran University of Medical Sciences, Tehran, Iran. 19-21 April, 2014.
- 3- How to Publish a Scientific Journal Article. At Tehran University of Medical Sciences, Tehran, Iran. 18th February 2013.
- 4- Electronic Resources Searching (3). At Tehran University of Medical Sciences, Tehran, Iran. 26th January 2013.
- 5- End Note. At Tehran University of Medical Sciences, Tehran, Iran. 27th January 2013.
- 6- Teaching Methods. At Tehran University of Medical Sciences, Tehran, Iran. 29-30 June 2013.

- 7- Gene Mapping. At Tarbiat Modares University, Tehran, Iran. 19-21 April 2012.
- 8- Isolation and Culture of Embryonic Stem Cells. At Department of Medical Genetics, Tehran University of Medical Sciences, Tehran, Iran. 23-24 May 2012.
- 9- ISI Style Columnist. At Tarbiat Modares University, Tehran, Iran. 31th January 2009.
- 10- Genomics and Proteomics. At AVECINA research Institute, Tehran, Iran. 25-27 January 2010.

Techniques

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|----------------|------------|-----------------|
| ▶ Karyotyping | ▶ FISH | ▶ Real-time PCR |
| ▶ Cell Culture | ▶ PCR-RFLP | |

Research

- 1- Study of factors affecting cardiovascular disease in Bushehr (global project Monica), 2003.
- 2- Diagnosis of osteoporosis in women of Bushehr port, 2004.
- 3- The relationship between chromosome deletions and repeated abortion, 2010.
- 4- Study of prevalent polymorphisms of endometriosis in Iranian's population, 2010.
- 5- Sex determination of the fetus by fetal free DNA in the maternal plasma using nested PCR and real-time PCR, 2009.
- 6- Evaluation of micro-deletions AZF region in men with non-obstructive azoospermia and unknown origin Oligospermia. 2009.
- 7- Prevalence of human cytomegalovirus in semen of men, 2008.

Publications

Selected papers presented in Congress:

- 1- **Fatemeh Bahreini.** Epidemiology of Down syndrome in Iran and some countries. 10th Iranian Genetics Congress, 21-23 May 2008, Tehran, Iran (Poster code: A-10-551-1).
- 2- **Fatemeh Bahreini,** Hamidreza Khoram-Khorshid. Genetics: Law, Ethics, Psychology. 16th Seminar of AVECINA Research Institute, 10-11 November 2010. Tehran, Iran (Poster code: 1104166).

Full Article

- 1- **Bahreini Fatemeh,** Houshmand Massoud, Modaresi Mohammad Hossein, Tonekaboni Hassan, Nafissi Shahriar, Nazari Ferdoss, Akrami Seyed Mohammad. Mitochondrial Copy Number and D-Loop Variants in Pompe Patients. Cell Journal, 2016; 18(3):405-415. [ISI]

- 2- **Fatemeh Bahreini**, Ali Reza Soltanian, Parvin Mehdipour. A meta-analysis on concordance between immunohistochemistry (IHC) and fluorescence in situ hybridization (FISH) to detect HER2 gene overexpression in breast cancer. *Breast Cancer*, 2015; 22 (6), 615-625. [ISI]
- 3- S Ghorbian, K Saliminejad, MR Sadeghi, GhR Javadi, K Kamali, N Amirjannati, **F Bahreini**, H Edalatkhah, HR Khorram Khorshid. The Association between Y Chromosome Microdeletion and Recurrent Pregnancy Loss. *Iran Red Crescent Med J* 2012; 14 (6): 358-362. [ISI]
- 4- **Fatemeh Bahreini** , Seyed Mojtaba Mohaddes Ardebili , Safar Farajnia , Jalal Ghareh Sooran , Iraj Nabipour , Alireza Soltanian. A study on association of SNP-43 polymorphism in Calpain-10 gene with type 2 diabetes mellitus in the population of Eastern Azerbaijan province. *Iranian South Med J* 2012, 1: 35-41. [ISC]
- 5- Ali Reza Soltanian, Iraj Nabipour, Shahin Akhondzadeh, Babak Moeini, **Fatemeh Bahreini**, Majid Barati, Javad Faradmal. Association between physical activity and mental health among high-school adolescents in Boushehr province: A population based study. *Iranian Journal of Psychiatry* 2011. 6(3):112-116. [PubMed]
- 6- Ali Reza Soltanian, **Fatemeh Bahreini**, Mohammad Afkhami-Ardekani. People awareness about diabetes disease and its complications among aged 18 years and older in Bushehr port inhabitants (Iran). *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* (2007) 1, 245-249. [PubMed]
- 7- A Soltanian, S Faghihzadeh, H Choobineh, **F Bahreini**, M Mahmoudi Farahani, HR Khalkhali. A survey on parity progression ratio in Bushehr and specifying factors that are affected it on the basis of multiple logistic regression models in 2005. *Journal of Payavard Salamat*, 2008; 1 (2): 37-44. [ISC]