

## Curriculum Vitae

### *Personal Information*

**First name:** Nayeralsadat

**Last name:** Fatemi



### *Address:*

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**Date of Birth:** 22/03/1984

**Marital Status:** Married

### *Work Experience:*

- Research Scientist, ROYAN Institute (2007-2021).
- Research Scientist, Research Institute for Gastroenterology and Liver Diseases (RIGLD) (2021-Now)

### *Academic education*

- **B.Sc. in Genetics**, Esfahan University, Esfahan, Iran, 2007.
- **M.Sc. in Genetics**, Shahrekord University, Shahrekord, Iran, 2012.
- **Ph.D. in Molecular Medicine**, Zanzan Medical University, 2020.

### *Skills*

- Genomic and transcriptomics analysis
  - Whole exome-sequencing analysis
  - Microarray gene expression data analysis
  - Biological network analysis
- RT-PCR and Real-Time-PCR
- Molecular cloning techniques
- Cell culture techniques

## Paper publications

1. **Fatemi N**, Mirbahari SN, Tierling S, Sanjabi F, Shahrivari S, AmeliMojarad M, Amelimojarad M, Mirzaei Rezaei M, Nobaveh P, Totonchi M, and Nazemalhosseini Mojarad E. ***Emerging Frontiers in Colorectal Cancer Therapy: From Targeted Molecules to Immunomodulatory Breakthroughs and Cell-Based Approaches.*** Digestive Diseases and Sciences. 2025, <https://doi.org/10.1007/s10620-024-08774-2> (IF= 2.5)
2. **Fatemi N**, Jahdkaran M, Mirbahari SN, Hourri H. ***Molecular Symphonies and Signaling Pathways Orchestrated by the Gut Microbiome in Metastatic Colorectal Cancer (mCRC); A State of the Art Review.*** Expert Reviews in Molecular Medicine. 2024, 26: e31, 1–15. <https://doi.org/10.1017/erm.2024.31>. (IF= 4.5)
3. Shadnoush M, Momenan M, Seidel V, Tierling S, **Fatemi N**, Nazemalhosseini-Mojarad E, Tayefeh Norooz M, Cheraghpour M. ***A comprehensive update on the potential of curcumin to enhance chemosensitivity in colorectal cancer.*** Pharmacological Reports. 2024, doi: 10.1007/s43440-024-00652-y. (IF= 3.6)
4. Cheraghpour M, **Fatemi N**, Shadnoush M, Talebi G, Tierling S, Tayefeh Norooz M, Bermúdez-Humarán LG. ***Immunomodulation aspects of gut microbiome-related interventional strategies in colorectal cancer.*** Medical Oncology. 2024, 41: 231. (IF= 2.8)
5. Askari M, Mirzaei E, Navapour L, Karimpour M, Rejali L, Sarirchi S, Nazemalhosseini-Mojarad E, Nobili S, Cava C, Sadeghi A, **Fatemi N**. ***Integrative Bioinformatics Analysis: Unraveling Variant Signatures and Single-Nucleotide Polymorphism Markers Associated with 5-FU based Chemotherapy Resistance in Colorectal Cancer Patients.*** Journal of Gastrointestinal Cancer. 2024, 55: 1607–1619. (IF= 1.6)

6. Mirbahari SN, **Fatemi N**, Savabkar S, Chaleshi V, Zali N, Taleghani MY, Mirzaei E, Rejali L, Ketabi Moghadam P, Nazemalhosseini Mojarad E. *Unmasking Early Colorectal Cancer Clues: In Silico and In Vitro Investigation of Downregulated IGF2, SOCS1, MLH1, and CACNA1G in SSA Polyps*. Molecular Biology Reports. 2024, 51: 764. (IF= 2.8)
7. **Fatemi N**, Karimpour M, Bahrami H, Zali MR, Chaleshi V, Riccio A, Nazemalhosseini-Mojarad E, Totonchi M. *Current trends and future prospects of drug repositioning in gastrointestinal oncology*. Frontiers in Pharmacology - Experimental Pharmacology and Drug Discovery. 2024, 14:1329244. (IF= 5.6)
8. Mirabdolhosseini SM, Yaghoob Taleghani M, Rejali L, Sadeghi H, **Fatemi N**, Tavallaei M, Famil Meyari A, Saeidi N, Sadeghi A, Asadzadeh Aghdaei H, Zali MR, and Nazemalhosseini Mojarad E. *Rare single-nucleotide variants of MLH1 and MSH2 genes in patients with Lynch syndrome*. Cancer Reports. 2024, 7: e1930. (IF= 1.7)
9. Mirabdolhosseini SM, Rejali L, Yaghoob Taleghani M, Sadeghi H, Kashfi SMH, Behboudi Farahbakhsh F, Golmohammadi M, Larki P, **Fatemi N**, Ketabi Moghadam P, Nazemalhosseini Mojarad E, Sadeghi A, Asadzadeh Aghdaie H, Zali MR. *An update of the variant spectrum of the APC gene in Iranian familial adenomatous polyposis patients*. Nucleosides Nucleotides Nucleic Acids. 2024, 43: 40-56. (IF= 1.3)
10. **Fatemi N**, Tu SJ, Chung CC, Moghadam PK, Mojarad EN, Sadeghi A, Totonchi M, Aghdaei HA, Chang JG. *Whole exome sequencing identifies MAP3K1, MSH2, and MLH1 genes as potentially cancer predisposing in familial early onset colorectal cancer*. The Kaohsiung Journal of Medical Sciences. 2023, 39: 896–903. (IF= 3.3)
11. Rejali L, Seifollahi R, Sanjabi F, **Fatemi N**, Asadzadeh Aghdaei H, Saeedi Niasar M, Ketabi Moghadam P, Nazemalhosseini-Mojarad E, Mini E, Nobili S. *Principles of*

- Molecular Utility for CMS Classification in Colorectal Cancer Management.* Cancers. 2023, 15: 2746. (IF= 5.2)
12. Cheraghpour M, Askari M, Tierling S, Shojaee S, Sadeghi A, Ketabi Moghadam P, Khazdouz M, Asadzadeh Aghdaei H, Piroozkhah M, Nazemalhosseini-Mojarad E, **Fatemi N.** *A Systematic Review and Meta-Analysis for the Association of the Insulin-like Growth Factor1 Pathway Genetic Polymorphisms with Colorectal Cancer Susceptibility.* Frontiers in Oncology. 2023, 13: 1168942. (IF= 4.7)
13. Hosseini FA, Rejali L, Zabihi MR, Salehi Z, Daskar-Abkenar E, Taraz T, **Fatemi N,** Hashemi M, Asadzadeh-Aghdaei H, Nazemalhosseini-Mojarad E. *Long non-coding RNA LINC00460 contributes as a potential prognostic biomarker through its oncogenic role with ANXA2 in colorectal polyps.* Molecular Biology Reports. 2023, 50: 4505–4515. (IF= 2.8)
14. **Fatemi N,** Tierling S, Aboulkheyr Es H, Varkiani M, Nazemalhosseini Mojarad E, Asadzadeh Aghdaei H, Walter J, Totonchi M. *DNA Methylation Biomarkers in Colorectal Cancer: Clinical Applications for Precision Medicine.* International Journal of Cancer. 2022, 151: 2068-2081. (IF= 6.4)
15. Hosseini Sh, Rejali L, Pezeshkian Z, Malekian M, **Fatemi N,** Peyravian N, Hadizadeh M, Mohsenifar Zh, Khanabadi B, Farzam M, Sherkat Gh, Asadzadeh Aghdaei H, Nazemalhosseini Mojarad E, Ashrafiyan Bonab M. *Oncogenic Role of Connective Tissue Growth Factor is Associated with Canonical TGF- $\beta$  Cascade in Colorectal Cancer.* Genes. 2022, 13: 689. (IF= 3.5)
16. **Fatemi N,** Varkiani M, Ramazanali F, Almadani N, Totonchi M. *A familial case of recurrent hydatidiform mole with p. Asp108Ilefs \*30 causing mutation in KHDC3L: A genetic and clinical report.* Taiwanese Journal of Obstetrics and Gynecology. 2022, 61: 395-398. (IF= 2.1)

17. **Fatemi N**, Ray PF, Ramezanali F, Shahani T, Amiri-Yekta A, Kherraf ZE, Cazin C, Almadani N, Varkiani M, Sarmadi S, Sodeifi N, Gourabi H, Biglari A, Totonchi M. ***KH domain containing 3 like (KHDC3L) frame-shift mutation causes both recurrent pregnancy loss and hydatidiform mole.*** The European Journal of Obstetrics & Gynecology and Reproductive Biology. 2021, 259: 100-104. (IF= 2.6)
18. **Fatemi N**, Varkiani M, Ramezanali F, Babaabasi B, Ghaheri A, Biglari A, Totonchi M. ***Risk Factors Associated with Recurrent Pregnancy Loss and Outcome of Pre-Implantation Genetic Screening of Affected Couples.*** International Journal of Fertility & Sterility. 2021, ;15:269-274. (IF= 2.5)
19. **Fatemi N**, Salehi N, Pignata L, Palumbo P, Vittoria Cubellis M, Ramazanali F, Ray P, Varkiani M, Reyhani-Sabet F, Biglari A, Sparago A, Acurzio B, Palumbo O, Carella M, Riccio A, Totonchi. ***Biallelic variant in cyclin B3 is associated with failure of maternal meiosis II and recurrent digynic triploidy.*** Journal of Medical Genetics. 2020, 0: 1–6. (IF= 4)
20. Farzaneh F, Mirzapoor Z, Jahangirian E, Heidari F, Hashemi E, Rahim-Tayefeh A, **Fatemi N**, Jamshidizad A, Dashtizad M, Shamsara M. ***The chicken hypersensitive site-4 insulator cannot fully shield the murine phosphoglycerate kinase-1 promoter from integration site effects in transgenic mice.*** 3 Biotech. 2019, 9:255. (IF= 2.8)
21. Jazayeri SH, Amiri-Yekta A, Gourabi H, Abd Emami B, Halfinezhad Z, Abolghasemi S, **Fatemi N**, Daneshpour A, Ghahremani MH, Sanati MH, Khorramizadeh MR. ***Comparative Assessment on the Expression Level of Recombinant Human Follicle-Stimulating Hormone (FSH) in Serum-Containing Versus Protein-Free Culture Media.*** Molecular Biotechnology. 2017, 59: 490-498. (IF= 2.8)

22. Elyasi Gorji Z, Amiri-Yekta A, Gourabi H, Hassani S, **Fatemi N**, Zerehdaran S, Vakhshiteh F, Sanati MH. *Cloning and Expression of Iranian Turkmen-thoroughbred Horse Follicle Stimulating Hormone in Pichia pastoris*. Iranian Journal of Biotechnology. 2015, 13: 10-17. (IF= 1.3)
23. **Fatemi N**, Sanati MH, Shamsara M, Moayer F, Jamali Zavarei M, Pouya A, Sayyahpour FA, Ayat H, Gourabi H. *TBHP-induced Oxidative Stress Alters MicroRNAs Expression in Mouse Testis*. Journal of Assisted Reproduction and Genetics. 2014, 31: 1287-1293. (IF= 3.1)
24. Amiri Yekta A, Dalman A, Sanati MH, **Fatemi N**, Vazirinasab H, Zomorodipour A, Chehrazi M, Gourabi H. *Optimization of the Electroporation Conditions for Transfection of Human Factor IX into the Goat Fetal Fibroblasts*. CELL JOURNAL (Yakhteh). 2013, 14: 270-275. (IF= 2)
25. Amiri Yekta A, Dalman A, Eftekhari-Yazdi P, Sanati MH, Shahverdi AH, Fakheri R, Vazirinasab H, Daneshzadeh MT, Vojgani M, Zomorodipour A, **Fatemi N**, Vahabi Z, Mirshahvaladi S, Ataei F, Bahraminejad E, Masoudi N, Rezazadeh Valojerdi M, Gourabi H. *Production of transgenic goats expressing Human Coagulation Factor IX in the mammary gland after Nuclear Transfer using transfected fetal fibroblast cells*. Transgenic Research. 2013, 22: 131-142. (IF= 3)
26. **Fatemi N**, Sanati MH, Zavarehei MJ, Ayat H, Esmaili V, Golkar-Narenji A, Zarabi M, Gourabi H. *Effect of Tertiary-butyl hydroperoxide (TBHP) induced oxidative stress on mice sperm quality and testis histopathology*. Andrologia. 2013, 45: 232-239. (IF= 2.4)

### **Research projects**

1. Genetic dissection of the early-onset colorectal cancer using whole exome sequencing. (Coordinator)
2. Evaluation of candidate micro RNAs expression in colorectal cancer cells exhibiting resistance to 5-Fluorouracil drug by bioinformatics analysis. 2023-2024. (Advisor)

3. Differentiation of Sessile Serrated Adenoma Polyps from Hyperplastic Polyps by use of Gene Expression Panel. 2023-2024. (**Collaborator**)
4. Synergetic effects of metformin and celecoxib on proliferation, migration, and apoptosis of colorectal cancer cells. 2022-2023. (**Advisor**)
5. Synergetic effects of metformin and celecoxib on the expression of selected genes involved in cell cycle and apoptosis in colorectal cancer cells. 2022-2023. (**Advisor**)
6. Identification of aberrantly methylated-differentially expressed genes and pathways in precancerous and colorectal cancer lesions by comprehensive bioinformatics analysis. 2022-2023. (**Coordinator**)
7. Identification of new candidate drug(s) through drug repurposing strategy in treatment of colorectal cancer by comprehensive bioinformatics analysis. 2022-2023. (**Coordinator**)
8. Study of genotype-phenotype correlations of inflammatory bowel disease in families with multiple affected cases by whole exome sequencing. 2021-2023. (**Collaborator**)
9. Study of phenotype-genotype correlation in patients with recurrent pregnancy loss by family- based exome-sequencing. 2017-2020. (**Collaborator**)
10. Investigation of C.322\_325delGACT genetic variation in the KHDC3L gene in patients with sporadic recurrent pregnancy loss. 2019-2020. (**Advisor**)
11. Structural and functional features of human factor IX produced in transgenic goat milk. 2012-2018. (**Collaborator**)
12. Effects of beta-globin intron in the gene expression levels of a gene encoding human LH in Chinese hamster ovary cells. 2014-2017. (**Advisor**)
13. Effect of human beta globin intron II on expression of human LH in CHO cell line. 2014-2016. (**Collaborator**)
14. Cloning and expression of codon optimized gene of human coagulation factor IX in CHO cells. 2014-2016. (**Collaborator**)
15. The effect of human intron beta- globin in the expression of human FSH gene in CHO cells. 2014-2015. (**Advisor**)
16. Optimization of equine FSH gene expression by codon usage adaptation in Pichia Pastoris. 2014-2015. (**Advisor**)
17. The effect of human intron beta-globin in the expression of hCG gene in CHO cells. 2014-2015. (**Collaborator**)

18. Optimizing the expression of human chorionic gonadotropin (hCG) coding gene, in Chinese hamster ovary cell (CHO). 2014-2015. **(Collaborator)**
19. Optimization of human LH gene expression by codon usage adaptation in CHO cell line. 2014-2015. **(Collaborator)**
20. Human factor IX production in transgenic goat by nuclear transfer. 2007-2015 **(Collaborator)**
21. Study of codon optimization on expression of hCG hormone in CHO cells. 2014-2015. **(Collaborator)**
22. Study of intron effect on human FSH encoding gene expression level in CHO cells. 2013-2015. **(Collaborator)**
23. Optimization of the expression of follicle stimulating hormone, in Chinese hamster ovary cell (CHO) by optimization of medium. 2013-2015. **(Collaborator)**
24. Optimization of ovine FSH gene expression in Pichia Pastoris. 2014-2015. **(Collaborator)**
25. Optimization of bovine FSH gene expression in Pichia Pastoris. 2014-2015. **(Collaborator)**
26. Optimization of LH gene expression in CHO cell. 2013-2014. **(Collaborator)**
27. Effect of Oxidative stress on Kdm5d, Ddx3y, Usp9y and Dazl Genes expression in testis of mature mouse. 2013-2014. **(Collaborator)**
28. Cloning and gene expression of human luteinizing Hormone in Chinese hamster ovary cells. 2012-2013. **(Collaborator)**
29. Cloning and Gene Expression of human Follicle-Stimulating Hormone (FSH) in CHO Cells. 2012-2013. **(Collaborator)**
30. Cloning and expression of follicle stimulating hormone (FSH) horse in the yeast Pichia pastoris. 2012-2013. **(Collaborator)**
31. Cloning of sheep and FSH gene expression in yeast Pichia pastoris. 2011-2013. **(Collaborator)**
32. Cloning and expression of bovine FSH in the yeast Pichia Pastoris. 2011-2013. **(Collaborator)**
33. Cloning and expression of human chorionic gonadotropin (hCG) in CHO cells. 2011-2013. **(Collaborator)**



34. MicroRNA expression of oxidative stress on the testicles of adult mice. 2010-2011.  
(Collaborator)

**National and international oral presentation**

1. Ashrafian Bonab M, **Fatemi N**, Mirbahari SN, Tierling S, Sanjabi F, Shahrivari Sh, AmeliMojarad M, Amelimojarad M, Mirzaei Rezaei M, Nobaveh P, Totonchi M, Nazemalhosseini Mojarad E. *Emerging Frontiers in Colorectal Cancer Therapy: From Targeted Molecules to Immunomodulatory Breakthroughs and Cell-Based Approaches*. Symposium on “Targeted Medicine: from molecules to therapies”. Brighton, England, 13 March, 2024.  
**Oral**
2. Mirbahari SN, Rahimi H, Asadzadeh Aghdai H, **Fatemi N**. *Drug repurposing approach in colorectal cancer*. 2th International Congress of Laboratory Diagnosis. Tehran, Iran, 15-18 Feb, 2023. **Oral**
3. **Fatemi N**, Salehi N, Pignata L, Palumbo P, Vittoria Cubellis M, Ramazanali F, Ray P, Varkiani M, Reyhani-Sabet F, Biglari A, Sparago A, Acurzio B, Palumbo O, Carella M, Riccio A, Totonchi M. *A novel biallelic missense variant in cyclin B3 is associated with failure of oocyte meiosis II and recurrent fetus triploidy*. 9th Yazd International Congress and Student Award on Reproductive Medicine with 4th Congress of Reproductive Genetics. Yazd, Iran, 13-15 May, 2021. **Oral** (Abstracts published in Iranian Journal of Reproductive BioMedicine (IJRM), Volume 19, May 2021, Supplement 1.)
4. **Fatemi N**, Ray PF, Amiri-Yekta A, Ramezanali F, Almadani N, Gourabi H, Shahani T, Biglari A, Totonchi M. *KHDC3L frame-shift mutation causes recurrent pregnancy loss and infertility in an Iranian family*. 8th Yazd International Congress & Student Award in reproductive Medicine. Yazd, Iran, 19-21 April, 2019. **Oral** (Abstracts published in Iranian Journal of Reproductive Medicine (IJRM), Volume 17, April 2019, Supplement 1.)
5. Vahabi Z, Eftekhari-Yazdi P, Dalman A, Ebrahimi B, Amiri Yekta A, **Fatemi N**, Rajabpour Niknam M, Mostafaei F. *Oocyte-Secreted Factors (OSFs) Enhance*

*Developmental Competence of Ovine Oocytes*. The 21<sup>th</sup> annual meeting of the Middle East Fertility Society (MEFS). Dubai, UAE, September 25-27, 2014. **Oral**

6. Elyasi Gorji Z, Gourabi H, Amiri Yekta A, Hassani S, Zerehdaran S, **Fatemi N**, Sanati MH. *Cloning of Iranian Thoroughbred horse Follicle Stimulating Hormone in pPIC9 Vector*. 2<sup>nd</sup> national & 1<sup>st</sup> international MBA- biotechnology congress. Tehran, Iran, December 10-11, 2012. **Oral**
7. Hadi F, Gourabi H, Amiri Yekta A, **Fatemi N**, Khoshbakht M, Sanati MH. *Design of gene construct, carrying Human luteinizing hormone (hLH) subunits*. 2<sup>nd</sup> national & 1<sup>st</sup> international MBA- biotechnology congress. Tehran, Iran, December 10-11, 2012. **Oral**
8. **Fatemi N**, Gourabi H, Sanati MH, Moayer F, Pouya A, Sayyehpour FA, Ayat H. *Oxidative Stress Alters MicoRNAs Expression in Testis*. The 19<sup>th</sup> annual meeting of the Middle East Fertility Society (MEFS). Dubai, UAE, October 3-5, 2012. **Oral**
9. Gourabi H, Sanati MH, Eftekhari-Yazdi P, Amiri Yekta A, Dalman A, Shahverdi AH, Rezazadeh Valojerdi M, Daneshzadeh MT, Vojgani M, Zomorodipour A, Fakheri R, Vazirinasab H, **Fatemi N**, Vahabi Z. *Recombinant Human Coagulation Factor IX Transgenic Goats Produced by Nuclear Transfer of Transfected Fetal Fibroblast*. 11<sup>th</sup> Iranian Genetics Congress, Tehran-Iran, May 22-24, 2010. **Oral**

### **National and international poster presentations**

1. Rahimi H, Sarirchi S, Nazemalhosseini Mojarad E, Zali MR, Shamsara M, **Fatemi N**. *Exploring the potential of metformin and celecoxib as new adjuvant therapy for colorectal cancer*. **The 31st United European Gastroenterology Week, UEGW**. Copenhagen, Denmark, 14-17 October, 2023. **Poster**.
2. **Fatemi N**, Ray PF, Amiri-Yekta A, Ramezanali F, Almadani N, Gourabi H, Shahani T, Biglari A, Totonchi M. *Recurrent pregnancy loss and infertility due to a new mutation in an Iranian family*. 20th congress on reproductive biomedicine and 15th congress on stem

cell biology and technology. Tehran, Iran, 28-30 August, 2019. **Poster** (The abstract as of the few poster candidates qualified to participate in the last step of competition leading to acquire the BEST POSTER title)

3. Norouzi F, Daneshi Pour A, Amiri-Yekta A, **Fatemi N**, Sanati MH, Gourabi H. *High Expression of Human Chorionic Gonadotropin Genein CHO DG44 Cellsby HAS Signal Peptide and Fc Fusion Tag Methods*. 17th congress on reproductive biomedicine and 12th congress on stem cell biology and technology. Tehran, Iran, 31 August-2 September, 2016. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 10, Supplement 1, summer 2016.)
4. Daneshipour A, **Fatemi N**, Amiri-Yekta A, Norouzi F, Bahrami S, Sanati MH, Gourabi H. *The Use of Human Serum Albumin Signal Peptide and Codon Usage Strategy for High-Level Production of Recombinant Follicle-Stimulating Hormone in CHO Cells*. 17th congress on reproductive biomedicine and 12th congress on stem cell biology and technology. Tehran, Iran, 31 August-2 September, 2016. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 10, Supplement 1, summer 2016.)
5. **Fatemi N**, Daneshipour A, Amiri-Yekta A, Norouzi F, Sanati MH, Gourabi H. *Generation of High Expressing CHO Cell Line for The Production of Recombinant Luteinizing Hormone Using Human Serum Albumin Signal Peptide and Codon Usage Strategy*. 17th congress on reproductive biomedicine and 12th congress on stem cell biology and technology. Tehran, Iran, 31 August-2 September, 2016. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 10, Supplement 1, summer 2016.)
6. Shahriari khalaji M, Zomorodipour A, Bahrami S, Abolghasemi S, Amiri-Yekta A, **Fatemi N**, Sanati MH, Gourabi H. *Optimization of Human LH Gene Expression by Codon Usage Adaptation in CHO Cell Line*. 16th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 2-4, 2015. **Poster**

(Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 9, Supplement 1, summer 2015.)

7. Shahmohammadi M, Sanati MH, **Fatemi N**, Amiri Yekta A, Gourabi H. *The Effect of Beta Globin Intron on Human FSH Hormone Expression in CHO Cells*. 16th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 2-4, 2015. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 9, Supplement 1, summer 2015.)
8. Qafary M, Gharanfoli M, Amiri Yekta A, Qafari SM, **Fatemi N**, Tabande F, Abd Emami B, Sanati MH. *Comparative Study of The Effect of Fetal Bovine Serum Concentrations on Expressing of Human Follicle Stimulating Hormone*. 16th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 2-4, 2015. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 9, Supplement 1, summer 2015.)
9. Mahdavi Nosrati M, Sanati MH, **Fatemi N**, Zomorodi Pour A, Amiri-Yekta A, Gourabi H. *The Effect of Beta Globin Intron on Human LH Hormone Expression in CHO Cells*. 16th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 2-4, 2015. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 9, Supplement 1, summer 2015.)
10. Qafary M, Gharanfoli M, Amiri Yekta A, Qafari SM, **Fatemi N**, Tabande F, Abd Emami B, Sanati MH. *The Effect of Primary pH Values of Medium Culture on Expression of Human Follicle Stimulating Hormone in Recombinant Chinese Hamster Ovary Cells*. 16th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 2-4, 2015. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 9, Supplement 1, summer 2015.)

11. Khoshnue M, Sanati MH, **Fatemi N**, Amiri Yekta A, Gourabi H. *Overexpression of Equus Caballus Follicle Stimulating Hormone Subunits in Pichia Pastoris by Codon Usage*. 1 st International and 9th National Biotechnology Congress of Islamic Republic of Iran. Tehran, Iran, May 24-26, 2015. **Poster**
12. Mokhtari P, **Fatemi N**, Golkar Narenji A, Mohseni Meybodi A, Gourabi H. *Exposure to tertiary-butyl hydroperoxide (TBHP)- down regulates the expression of Ddx3y in mature mice testis*. 6th Yazd International Congress and Student Award in Reproductive Medicine with 1st Reproductive Genetics Congress. Yazd-Iran, April 17-19, 2015. **Poster** (Abstracts published in Iranian Journal of Reproductive Medicine (IJRM), Volume 13, April 2015, Supplement 1.)
13. Qafary M, Gharanfoli M, Amiri Yekta A, **Fatemi N**, Abd Emami B, Sanati MH. *The Effect of Different Fetal Bovine Serum Levels on Recombinant Chinese Hamster Ovary Cells, Expressing Human Follicle Stimulating Hormone*. 15th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 3-5, 2014. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 8, Supplement 1, summer 2014.)
14. Soltaninejad M, Abd Emami B, Amiri Yekta A, Abolghasemi S, Sanati MH, **Fatemi N**, Hasani S, Zerehdaran S, Gourabi H. *Optimization of Ovine FSH Gene Expression in The Pichiapastoris System by Regulating the Culture Conditions*. 15th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 3-5, 2014. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 8, Supplement 1, summer 2014.)
15. Rahnama M, Gourabi H, Amiri Yekta A, **Fatemi N**, Bahrami Nejad E, Sanati MH. *Stepwise Reduction of Fetal Bovine Serum Levels in Chinese Hamster Ovary Cells - Expressing Human Chorionic Gonadotrophin- Culture*. 15th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran,

September 3-5, 2014. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 8, Supplement 1, summer 2014.)

16. Eyni S, Gourabi H, Amiri Yekta A, **Fatemi N**, Bahrami Nejad E, Sanati MH. *Optimization of Human Luteinizing Hormone Expression in CHO Cells Culture by Stepwise Reduction in Serum Concentration*. 15th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 3-5, 2014. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 8, Supplement 1, summer 2014.)
17. Bagheri A, Abd Emami B, Gourabi H, AmiriYekta A, **Fatemi N**, Ahani-Azari M, Abolghasemi S, Hasani S, Sanati MH. *Effective Parameters on the Bovine Follicle Stimulating Hormone Expression in The Pichia Pastoris System*. 15th congress on reproductive biomedicine and 10th congress on stem cell biology and technology. Tehran, Iran, September 3-5, 2014. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 8, Supplement 1, summer 2014.)
18. **Fatemi N**, Gourabi H, Sanati MH, Moayer F. *Effect of oxidative stress on testis histopathology in mature male mouse*. 20<sup>th</sup> National Congress on Infertility and Reproduction. Isfahan, Iran, June 11-13, 2014. **Poster** (Abstracts published in Iranian Journal of Reproductive Medicine (IJRM), Volume 12, June 2014, Supplement 1.)
19. Ghanbari M, Sanati MH, Amiri Yekta, **Fatemi N**, Bahraminejad E, Mahmoodi F, Gourabi H. *Production of Recombinant Fish FSH Hormone in Pichia Pastoris*. 14th congress on reproductive biomedicine and 9th congress on stem cell biology and technology. Tehran, Iran, September 4-6, 2013. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 7, Supplement 1, summer 2013.)
20. Hadi F, Gourabi H, Amiri Yekta A, Khoshbakht M, **Fatemi N**, Bahraminejad E, Sanati MH. *Expression of Recombinant Human Luteinizing Hormone (hLH) in CHO Cells*. 14th congress on reproductive biomedicine and 9th congress on stem cell biology and

technology. Tehran, Iran, September 4-6, 2013. **Poster** (Abstracts published in International Journal of Fertility & Sterility (IJFS), Volume 7, Supplement 1, summer 2013.)

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