

CURRICULUM VITAE

Personal Information:

- Name and surname: Masoumeh Golestan Jahromi
- Date of Birth: 1979
- Address: Department of Anatomy, Jahrom University of Medical Sciences, jahrom, Iran
IVF centre, Motahari hospital, Jahrom University of Medical Sciences, Jahrom, Iran
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EDUCATION AND QUALIFICATION

- B.Sc, Nursing, 2003, Iran University of Medical Sciences, Tehran, Iran.
- M.Sc, Medical Physiology, 2011, Tehran University of Medical Sciences, Tehran, Iran.
- PhD, Reproductive Biology, 2017, Shahid Sadoughi University of Medical Sciences, Yazd, Iran.

TEACHING EXPERIENCE

- Medical physiology (coarse), Tehran University of Medical Sciences, 2009, Tehran.
- Medical physiology (lab), Tehran University of Medical Sciences, 2007- 2009, Tehran.
- Quality control in ART clinics (lab), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2012, Yazd.
- Developing preimplanting embryo (lab), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2011, Yazd.
- Gamete and embryo cryopreservation (lab), Yazd Institute for Reproductive Sciences, Shahid Sadoughi University of Medical Sciences, 2011, Yazd

Past and Present Positions and Memberships:

- Embryologist in IVF lab in Motahari Hospital, Jahrom, Iran, from 2016 till now.
- Embryologist in IVF lab in Amir al momenin Hospital, Gerash, Iran, from 2020 till now
- Assistant professor of Jahrom University of medical sciences, from 2017 till now.
- Member of Iranian society for reproductive medicine (ISRM).
- Member of Iranian Society of Embryology & Reproductive Biology (ISERB)

Prizes/Awards:

- First award winner in 6th Yazd International congress in reproductive medicine. April 2015.
- Award winner in 2nd ISREB congress.2015.
- 3. Award winner in 3rd ISREB congress.2016.
- Best student of Tehran University of medical science 2010
- First degree of graduated student of physiology of Tehran University of medical science 2010.

Research Interests:

- In vivo and in vitro study of human endometrium.
- In vivo and in vitro study to improve human embryo implantation.
- Human study and animal model study for male and female reproductive disorders (PCOs, endometriosis, RIF patients, Poor responder, azoospermia, oligo-astheno-teratospermia and etc)
- ART techniques improvement (SA, IUI, IVM, ICSI, IVF, sperm/egg and embryo freezing, embryo biopsy and etc)
- Biology and pathology of human sperm, oocyte and embryo.

Publications

- L Mosalanejad, K Abdolahifard, M Golestan Jahromi. Therapeutic vaccines: hope therapy and its effects on psychiatric symptoms among infertile women. Global journal of health science (2014).
- A Faramarzi, MA Khalili, M Golestan Jahromi. Is there any correlation between apoptotic genes expression in cumulus cells with embryo morphokinetics? Molecular biology reports , 2019.
- A Faramarzi, F Aghaz, M Golestan Jahromi, M Bakhtiari, M Khazaei. Does supplementation of sperm freezing/thawing media with Ceratonia siliqua improve detrimental effect of cryopreservation on sperm parameters and chromatin quality in ...Cell and Tissue Banking, 2019.
- ES Ghahvi. F, Mosalanejad. I, Golestan. M, Yari. N. The investigation holistics stress in infertile women and relation to demographic characteristics in women who referred to Yazd Infertility Center.Biomedical and Pharmacology Journal, 2015.

- M Golestan Jahromi, R Aflatoonian, P Afsharian, S Aghajanpour, M Shahhoseini, . Altered expression of 3 paralogous HOX AD clusters in endometriosis disease: a case-control study. International Journal of Reproductive BioMedicine, 2019.
- F Esfandiari, F Chitsazian, M Golestan Jahromi, R Favaedi, M Bazrgar, . HOX cluster and their cofactors showed an altered expression pattern in eutopic and ectopic endometriosis tissues. Reproductive Biology and Endocrinology, 2021.
- S Etebary, N Yari, M Golestan Jahromi, MA Khalili. Are ART outcomes more successful in younger women? A retrospective study. Journal of Obstetrics and Gynaecology, 2015.
- F Ghavi, L Mosalanejad, M Golestan, M Taheri. A Holistic Approach for Comparing Stress by Gender Difference in Couple Who Received Assisted Reproductive Treatment. Biosciences Biotechnology Research Asia, 2015.
- F Chitsazian, R Favaedi, M Golestan Jahromi, M Bazrgar, R Aflatoonian, Identification of involvement of developmental, metabolic and nervous systems in endometriosis by network-based bioinformatics analysis of HOX genes and their related genes. HUMAN REPRODUCTION, 2019.
- M Golestan Jahromi, M Shahhoseini, P Afsharian, R Aflatoonian, M Bazrgar, Role of epigenetic modification and expression of HOX genes in hypersensitivity of endometriosis and novel treatment approaches. HUMAN REPRODUCTION, 2016.
- M Golestan Jahromi, N Yari, S Etebary, MA Khalili. Assisted Reproductive Technology Outcomes in Too Young and Young Patients: Single Embryo Transfer versus Multiple Embryo Transfer. International Journal of Fertility & Sterility, 2013
- N Yari, S Etebary, M Golestan Jahromi, MA Khalili. Duration of Exposure to Polyvinylpyrrolidone (PVP): The Effects on Fertilization Rate and Embryo Development. International Journal of Fertility & Sterility, 2013.
- A Faramarzi, M Golestan Jahromi, B Seifi, H Sadeghipour. Ovarian Function over Time in Adult Rats after Tubal Sterilization. International Journal of Fertility & Sterility, 2013.
- M Golestan Jahromi, MA Khalili, S Etebary, N Yari. Duration of Enzymatic and Mechanical Denudation: Have any Effect on Fertilization Rate and Embryo Development? International Journal of Fertility & Sterility, 2013.
- M Golestan Jahromi, MA Khalili, I Halvaei. Effect of time interval between sperm exposure with PVP on fertilization and embryonic development in human. Iranian Journal of Reproductive Medicine, 2013.
- F NABAVIZADEH, JM GOLESTAN, J VAHEDIAN, H NAHREVANIAN, ROLE OF GHRELIN IN INFLAMMATORY RESPONSE OF ACETAMINOPHEN-INDUCED LIVER INJURY IN RAT. 2013.
- Fatemeh Nabavizadeh , Ali Mohammad Alizadeh , Soheila Adeli , Masoumeh Golestan , Hamid Moloudian and Mohammad Kamalinejad. Gastroprotective effects of *Stachys Lavandulifolia* extract on experimental gastric ulcer
- Behnaz Moradi , Masoumeh Gity , Fatemeh Davari Tanha , Masoumeh Golestani Jahromi , Shahrzad Fayyazi. Evaluation of the Diagnostic Value of TVS (Transvaginal sonography) in the Diagnosis of Pelvic Endometriosis in Comparison with Laparoscopic Evaluation in Patients

Referred to the Imaging Center of Imam Khomeini Hospital and Yas Hospital of Tehran in 2018, 2021.

- M Moradi, MG Jahromi, S Mirzaei, E Ghanbari, S Moradi, F Afkar. Protective Effects of Scrophularia striata Extract on Testicular Function and Spermatogenesis in Cadmium-Exposed Mice: Role of Nitro-Oxidative Stress Modulation. *Andrologia* 2024 (1),
- M Moradi, MG Jahromi, E Ghanbari, AH Hashemian, A Faramarzi. L-Proline supplementation preserves sperm function and chromatin integrity in asthenozoospermic patients during cryopreservation. *Basic and Clinical Andrology* 35 (1), 39, 2025.
- JS Mirsanei, H Gholipour, Z Zandieh, MG Jahromi, MJ Masroori . Transition nuclear protein 1 as a novel biomarker in patients with fertilization failure. *Clinical and Experimental Reproductive Medicine* 50 (3), 185, 2023.

EXECUTIVE EXPERIENCES

10th national and 3rd international congress of biochemistry and molecular biology, Tehran University of Medical sciences, Nov 2009, Tehran, Iran

WORKSHOP

- Research methodology, Tehran University of Medical Sciences, Feb. 2009, Tehran, Iran.
- SPSS, Tehran University of Medical Sciences, Nov. 2007, Tehran, Iran.
- Scientific writing, Tehran University of Medical Sciences, Jan. 2008, Tehran, Iran
- End note, Tehran University of Medical Sciences, Nov. 2008, Tehran, Iran.
- Calculation of sample volume in health studies, Tehran University of Medical Sciences, Jul. 2010, Tehran, Iran.
- In-vitro maturation of human oocytes, Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Sep. 2010, Yazd, Iran.
- Scientific writing in reproductive medicine. Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Aug. 2012, Yazd, Iran.
- Clinical embryology (supervised by Dr. Moser, M.), Research and Clinical Centre for Infertility, Shahid Sadoughi University of Medical Sciences, Apr. 2011, Yazd, Iran.

REVIEWER

- International Journal of Reproductive BioMedicine Member of scientific committee and panelist of the 2nd ISERB congress 2016
- International Journal of Reproductive BioMedicine

Book

- Guyton and Hall textbook of medical physiology, 13th ed. 2016 (translator)
- Guyton and Hall textbook of medical physiology, 14th ed. 2020 (translator)
- Pocket Companion to Guyton and Hall Textbook of Medical Physiology, 12th Edition (translator)

- Pocket Companion to Guyton and Hall Textbook of Medical Physiology, 13th Edition (translator)
- Pocket Companion to Guyton and Hall Textbook of Medical Physiology, 14th Edition(translator)