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## RESEARCH INTERESTS

Reproductive Biology

Infertility

Stem cells

Tissue engineering

## EDUCATION

PhD in Reproductive biology, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

MSc in Developmental Biology, Shahid Beheshti University, Tehran, Iran.

BSc in Zoology, Shahid Chamran University, Ahwaz, Iran.

## PROFESSIONAL EXPERIENCE

- Associate professor, Department of Biology and Anatomical Sciences, School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
- Clinical embryologist (Lab manager), Infertility and IVF center, Taleqani hospital, Tehran, Iran.

## PUBLICATIONS

1. Vitamin D3 Deficiency Results in Diminished Expression of Decidulization Factors in Women Suffering from repeated implantation failure, Z Kuroshli, S Zademodarre, **H Nazarian**, F Hajati Research in Medicine (2024).
2. Chronic Administration of Lisdexamfetamine Induces Apoptosis and Inflammation and Reduces Sperm Quality in Adult Male Rats S Roustae, M Sani, M Mehranpour, P Rae, MH Moghaddam, R Bahar, **H Nazarian**. Reproductive Sciences, 1-12 (2024).
3. Follicular reconstruction and neo-oogenesis in xenotransplantation of human ovarian isolated cells derived from chemotherapy-induced POF patients S Khaleghi, F Eivazkhani,

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6. Photobiomodulation therapy reverses spermatogenesis arrest in hyperthermia-induced azoospermia mouse model S Ziaeipour, M Norouzian, HA Abbaszadeh, A Aliaghaei, **H Nazarian**, Lasers in Medical Science 38 (1), 114 (2023).
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10. Two-Decade Experience of Royan Institute in Obtaining Mature Oocyte from Cryopreserved Ovarian Tissue: In Vitro and In Vivo Approaches S Khaleghi, R Fathi, F Eivazkhani, A Moini, MG Novin, B Ebrahimi, **H Nazarian**. Reproductive Sciences 29 (6), 1685-1696 (2022).
11. Comparative effect of photobiomodulation on human semen samples pre-and post-cryopreservation F Safian, M Bayat, V Jajarmi, MA Abdollahifar, **H Nazarian**, ZS Mofarahe, reproductive Sciences 29 (5), 1463-1470 (2022).
12. Small non-coding RNAs in embryonic pre-implantation **H Nazarian**, MG Novin, S Khaleghi, B Habibi. Current Molecular Medicine 22 (4), 287-299 (2022).
13. Therapeutic effects of edaravone on azoospermia: free radical scavenging and autophagy modulation in testicular tissue of mice MG Novin, MS Alvani, MM Balani, A Aliaghaei, A Afshar, F Aghajanzpour, **H Nazarian**. Journal of Reproduction & Infertility 23 (2), 73 (2022).
14. Intrauterine Platelet Rich Plasma (PRP) Infusion Could Change The Leukemia Inhibitory Factor (LIF) pattern in the endometrial secretion of women with recurrent implantation B Pourkaveh, J Pakravesh, M Shabani, L Gachkar, **H Nazarian**, MG Novin, International Journal of Medical Toxicology and Forensic Medicine (2022).
15. Expression analysis of genes and MicroRNAs involved in recurrent implantation failure: new noninvasive biomarkers of implantation B Habibi, MG Novin, S Salehpour, MG

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  49. Three-dimensional electrospun gelatin scaffold coseeded with embryonic stem cells and sertoli cells: A promising substrate for in vitro coculture system, Mina Vardiani, MazaherGholipourmalekabadi, MarefatGhaffariNovin, MortezaKoruji, HatefGhasemiHamidabadi, Maryam Salimi, **Hamid Nazarian**, Journal of cellular biochemistry (2019).
  50. Testicular toxicity and reproductive performance of streptozotocin-induced diabetic male rats: the ameliorating role of silymarin as an antioxidant, HeidarHeidariKhoei, Sajad Fakhri, SiavashParvardeh, Zahra Shams Mofarahe, HojjatGhasemnejad-Berenji, **Hamid Nazarian**, Zahra Baninameh, Toxin reviews (2019).
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  52. Seminal exosomes induce interleukin-6 and interleukin-8 secretion by human endometrial stromal cells, ShahrokhPaktinat, Seyed Mahmoud Hashemi, MarefatGhaffariNovin, Samira Mohammadi-Yeganeh, SagharSalehpour, Amin Karamian, **Hamid Nazarian**, European Journal of Obstetrics & Gynecology and Reproductive Biology (2019).
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54. Improvement of oocyte in vitro maturation from mice with polycystic ovary syndrome by human mesenchymal stromal cell-conditioned media, Hamideh Jafarzadeh, **Hamid Nazarian**, MarefatGhaffariNovin, Zahra Shams Mofarahe, Fatemeh Eini, Abbas Piryaee, *Journal of cellular biochemistry* (2018).
55. Immunomodulatory effects of hydroxychloroquine on Th1/Th2 balance in women with repeated implantation failure, H Ghasemnejad-Berenji, M GhaffariNovin, M Hajshafiha, **H Nazarian**, SM Hashemi, B Ilkhanizadeh, T Ghasemnejad, S Sadeghpour, M Ghasemnejad-Berenji, *Biomedicine & Pharmacotherapy* (2018).
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