

Curriculum Vitae



MARZIEH DERAKHSHAN

Place of Birth: Isfahan, Iran

Address:

Assistant professor, Shahid beheshti IVF center, Department of Obstetrics and gynaecology, School of medicine, Isfahan university of medical sciences

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Education

➤ ***PhD in reproductive biology/medicine: Tehran University of medical sciences, Iran***

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Academic Work And Research Experiences

- *Clinical embryologist in IVF center, Behashti hospital, Isfahan University of medical sciences, Iran* **2021-2025**
- *Clinical embryologist, technical assistant and Head of IVF center. Zeinab hospital, Shiraz University of medical sciences, Iran* **2018-2021**
- *Clinical embryologist, technical assistant IVF center. Mother and koodak hospital, Shiraz University of medical sciences, Iran* **2019-2021**
- *Head of department of Andrology, dr sharifi lab, Isfahan, Iran* **2016-2025**
- *Head of Gynecology and Andrology center, Khanevadeh hospital, Isfahan, Iran* **2014-2016**
- *Clinical embryologist, IVF center, Arash hospital, Tehran University of medical sciences, Iran* **2013-2015**
- *Researcher, Royan institute, Isfahan, Iran*
- **Teaching at university**
- *Isfahan University of medical sciences, Iran*

Skills

ART/Laboratory Skills

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- **ICSI, IVF, Blastomer biopsy, all techniques related to ART, more than 15000 ICSI cycle and PGD in 5 infertility center**
 - **Routine molecular genetics lab skills including different kinds of PCR, gel electrophoresis and so on**
 - **Andrology techniques**
 - **Epigenetic techniques/**
 - **Routine cytogenetic testing**
 - **FISH experiment**
 - **Cell culture**
 - **Data analysis and Software**
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Selected Attended Conferences as speaker

ESHREH,2016,FINLAND

MEFS, 2023, ISTANBUL

MEFS, 2024, GATAR

MEFS,2025, DUBAI

More than 10 congress as speaker in Iran

Publications

Derakhshan, M., Foroughi, M., Salehi, E., Naghshineh, E., Ghasemi Tehrani, H., Derakhshan, M. and Bamarinejad, A., 2025. Comparative analysis of ICSI outcomes with testicular or secondary ejaculated sperm in men with oligoasthenoteratozoospermia. Middle East Fertility Society Journal, 30(1), p.5.

Derakhshan, M., Derakhshan, M., Naghshineh, E., Movahedi, M., Ghasemi-Tehrani, H., Bamarinejad, F., ... & Omidvar, Z. (2024). Resolution of sperm quality impairment following SARS-CoV-2 infection: A prospective study. Asian Pacific Journal of Reproduction, 13(5), 207-212.

Prevalence of high-risk human papillomavirus infection in women with ovarian endometriosis, Journal of Obstetrics and Gynaecology Research 2017, Mitra Heidarpour, Maryam Derakhshan, Marzieh Derakhshan-Horeh, Majid Kheirollahi, Sepideh Dashti,

Derakhshan, M., Salehi, P., Derakhshan, M., Naghshineh, E., Movahedi, M., Tehrani, H. G., & Salehi, E. (2024). Should testicular sperm retrieval be implemented for intracytoplasmic sperm injection in all patients with severe oligozoospermia or cryptozoospermia?. Korean Journal of Fertility and Sterility.

MicroRNAs, long non-coding RNAs, and circular RNAs and gynecological cancers: focus on metastasis. Frontiers in Oncology, 13. Rezaee, A., Ahmadpour, S., Jafari, A., Aghili, S., Zadeh, S. S. T., Rajabi, A., ... & Derakhshan, M. (2023).

Factors influencing sperm retrieval following testicular sperm extraction in nonobstructive azoospermia patients, Clin Exp Reprod Med. 2017 ,Peyman Salehi,, Marzieh Derakhshan-Horeh,, Zakiye Nadeali, Majid Hosseinzadeh,, Erfan Sadeghi,, Mohammad Hossein Izadpanahi,, and Mansour Salehi,

Does folate deficiency alter sperm parameters in infertile males?. Alamdari, S. S., Derakhshan, M., Derakhshan, M., & Mahzouni, P. (2024).

Estimating the risk of chromosomal abnormalities and heteromorphic variants in azoospermic and severe oligozoospermic men. Crescent J Med Biol. 2017; 5(2). Nadeali Z, Salehi P, Derakhshan M, et al.

Vitrification at Day3 stage appears not to affect the methylation status of H19/IGF2 differentially methylated region of in vitro produced human blastocysts, Cryobiology, Volume 73, Issue 2, October 2016, Pages 168-174, Marzieh Derakhshan Horeh, Farid Abolhassania, FarnooshJafarpour, AshrafMoinicd, KhadijehKarbalaiee Sayyed MortezaHosseinib, Mohammad HosseinNasr-Esfahani,

Methylation Status of H19/IGF2 Differentially Methylated Region in in vitro Human Blastocysts Donated by Healthy Couples, Iran Biomed J. 2017 Jan; 21(1): 16–23. Marzieh Derakhshan Horeh, Farid Abolhassania, FarnooshJafarpour, AshrafMoinicd, KhadijehKarbalaiee Sayyed MortezaHosseiniib, Mohammad HosseinNasr-Esfahani,

Combined Neuroprotective Action of JWH-015 and AM251 in the CA1 Hippocampal Area of Rat Model of Transient Global Cerebral Ischemia, Crescent Journal of Medical and Biological Sciences, Vol. 5, No. 2, April 2018, 83–90. Maryam Shiasi , Farid Abolhassani , Keywan Mortezaee , Zahra Nadia Sharifi , Marzieh Derakhshan-Horeh, Azim Hedayatpour,

Vitamin D Deficiency May Be a Modifiable Risk Factor in Women With Endometriosis, Crescent Journal of Medical and Biological Sciences Vol. 5, No. 4, October 2018, 292–296, Marzieh Derakhshan, , Maryam Derakhshan , Pegah Hedayat , Maryam Shiasi1 , Erfan Sadegh,

Effect of Pre-Treatment of Ovine Sperm on Male Pronuclear Formation and Subsequent Embryo Development Following Intracytoplasmic Sperm Injection, Reproduction in Domestic Animals 2011Volume 46, Issue 1 p. 87-94, A Shirazi,M Derakhshan-Horeh,AA Pilvarian,E Ahmadi,H Nazari,B Heidari,

"Methylation level of H19/IGF2 differentially methylated region (DMR) in human blastocysts donated by fertile couples." HUMAN REPRODUCTION. Vol. 31. GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS, 2016, Derakhshan-Horeh, M., et al..

"Does vitrification of day3 embryos impose methylation errors in in vitro produced human blastocysts?." HUMAN REPRODUCTION. Vol. 32. GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND: OXFORD UNIV PRESS, 2017, Derakhshan-Horeh, M., et al.

Evaluation of sperm DNA/chromatin integrity and their correlations with semen parameters in infertile men (to be submitted)

"The association between serum vitamin D level and sperm parameters; A pilot study in a subset of Iranian infertile males." Immunopathologia Persa 6, no. 2 (2020): e30-e30. Derakhshan, Maryam, Marzieh Derakhshan, Elham Omid, and Mitra Heidarpour.

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BOOKS

Practical and theoretical principal of ART

Application of transe gene in reproduction

other

More than 20 research project as executor of plan or supervisor

Professional referee in JIMS journal

Reviewer in International Journal of Fertility and Sterility (IJFS)

Certificate at ART course at ASRM