

## مشخصات و سوابق کاری

---

### مشخصات فردی

نام: اعظم آقارحیمی

تاریخ تولد: ۱۳۶۳

محل سکونت: یزد

---

### مدارک تحصیلی

کارشناسی: زیست شناسی گرایش علوم جانوری، دانشگاه شهید بهشتی، تهران.

کارشناسی ارشد: تکوین سلولی گرایش جانوری.

دکتری: بیولوژی تولید مثل دانشگاه علوم پزشکی شهید صدوقی یزد .

---

### Articles:

1. Comparison between qualities of cryopreserved embryos generated from short and long gamete incubation. Anvari M, Khalili MA, **Agha- Rahimi A**. *International journal of fertility and sterility*, 2009: 179-184.
2. Follow up of infertile patients after failed ART cycles: A preliminary report from Iran and Turkey. Khalili MA, Ghahraman S, Gurol Ugur M, **Agha-Rahimi A**, Tabibnejad N, *Reproductive biomedicine (RBM) Online*. Submitted.
3. Effect of vitrification on morphology and in-vitro maturation outcome of human immature oocytes. Mehdi Mohsenzadeh, Mohammad Ali Khalili<sup>2</sup>, Saeedeh Nazari, Vahid Hemayatkah Jahromi, **Azam Agharahimi**, Iman Halvaei. *IJAE*, Vol . 117, n. 3: 190-198, 2012.

4. Impact of different embryo loading techniques on pregnancy rates in *in vitro* fertilization/embryo transfer cycles. Iman Halvaei<sup>1</sup>, Mohammad Ali Khalili, Mohammad H Razi, **Azam Agha-Rahimi**, Stefania A Nottola. Journal of human reproductive science, Vol 6 (1) : 65-69. 2013.
5. Vitrification is not superior to rapid freezing of normozoospermic spermatozoa: effects on sperm parameters, DNA fragmentation and hyaluronan binding assay .**Azam Agha-Rahimi**, Mohammad Ali Khalili, Ali Nabi, Sareh Ashourzadeh. RBM online, 2014.
6. Comparing the Roles of Sperm Chromatin Integrity and Apoptosis in Intrauterine Insemination Outcomes of Couples with Mild Male and Female Factor Infertility. Mohammad Ali Khalili, Saeedeh Nazari; Razieh Dehghani Firouzabadi; Alireza Talebi; Shekofeh Baghazadeh Naeini; Fatemeh Sadeghian Nodoshan, **Azam Agha-Rahimi**. J ReprodInfertil.2014;15(1):35-40.
7. Assessment of ovarian tissues autografted to various body sites followed by IVM in mouse. *Mohammad Ali Khalili, Maryam Dehghan, saeedeh nazari, Azam Agha-Rahimi*, Iran J Reprod Med Vol. 12. No. 3. pp: 199-204, March 2014.
8. Cryoprotectant free vitrification of human spermatozoa in new artificial seminal fluid. Azam Agha-Rahimi, Mohammad Ali Khalili, Stefania A Nottola, Selenia Miglietta , Alireza Moradi. Accepted in journal of andrology. 2015.
9. Live birth in a woman with recurrent implantation failure and adenomyosis following transfer of refrozen–warmed embryos: a case report. Somayyeh Safari, Azita Faramarzi, **Azam Agha-Rahimi (correspond)**, Mohammad Ali Khalili. 2016;43(3):181-184.
10. Use of sperm DNA fragmentation test in ART setting: is it a promising diagnostic test? MA Khalili, A Agha-Rahimi, Translational Andrology and Urology 6 (Suppl 4), S673, 2017.

- 12- Is there any correlation between oocyte polarization microscopy findings with embryo time lapse monitoring in ICSI program? A Faramarzi, MA Khalili, A Agha-Rahimi, M Omid, Archives of Gynecology and Obstetrics 295 (6), 1515-1522 1, 2017.
- 13- Revealing the secret life of pre-implantation embryos by time-lapse monitoring: A review, A Faramarzi, MA Khalili, G Micara, A Agha-Rahimi, International Journal of Reproductive BioMedicine 15 (5), 257, 2017.
- 14- Pronuclear pattern does not predict morphokinetics behavior in human embryos. Faramarzi, MA Khalili, M Omid, A Agha-Rahimi, F Taheri, Gynecological Endocrinology, 1-4, 2017.
- 15- No cytotoxic effects from application of pentoxifylline to spermatozoa on subsequent pre-implantation embryo development in mice, MA Khalili, A Agha-Rahimi, F Sadeghian, I Halvaei, Middle East Fertility Society Journal 22 (2), 132-135 2017.
- 16- Embryo cryopreservation following In-vitro maturation for fertility preservation in a woman with Mullerian adenocarcinoma: A case report, M Mohsenzadeh, MA Khalili, N Tabibnejad, N Yari, A Agha-Rahimi, ..., Journal of human reproductive sciences 10 (2), 138 2017.
- 17- Noninvasive imaging systems for gametes and embryo selection in IVF programs: a review, M OMIDI, A FARAMARZI, A AGHARAHIMI, MALI KHALILI, Journal of Microscopy 2017.
- 18- Vitrification Increased Vacuolization of Human Spermatozoa: Application of MSOME Technology, S Taherzadeh, MA Khalili, A Agha-Rahimi, F Anbari, S Ghazali, Journal of Reproduction & Infertility 18 (2), 225, 2017.
- 19- Comparison of Survival Rate, Presence and Location of Meiotic Spindle after Vitrification of Mouse Oocytes between Open and Close Systems. Agharahimi A, Anvari M, Halvaei I. Comparison of Survival Rate, Presence and Location of Meiotic Spindle after Vitrification of Mouse Oocytes between Open and Close Systems. Pathobiology Research. 2020;23(2):101-7.
- 20- Does Overnight Culture of Cleaved Embryos Improve Pregnancy Rate in Vitrified-Warmed Embryo Transfer Programme? Agha-Rahimi A, Omid

- M, Akyash F, Faramarzi A, Farshchi FA. The Malaysian Journal of Medical Sciences: MJMS. 2019;26(2):52.
- 21- Missed estradiol determination resulting in oocyte retrieval and embryo development following controlled ovarian hyperstimulation at early pregnancy: Case report . Eftekhari M, Agha-Rahimi A, Khalili MA, Omidi M.. Asian Pacific Journal of Reproduction. 2018;7(3):143.
- 22- Cryopreservation of low number of human spermatozoa; which is better: vapor phase or direct submerging in liquid nitrogen? Hosseini A, Khalili MA, Talebi AR, Agha-Rahimi A, Ghasemi-Esmailabad S, Woodward B, et al. Human Fertility. 2018.
- 23- IMSI procedure improves clinical outcomes and embryo morphokinetics in patients with different aetiologies of male infertility. Mangoli E, Khalili MA, Talebi AR, Agha-Rahimi A, Soleimani M, Faramarzi A, et al. Andrologia. 2019;51(8):e13340.
- 24- Association between early embryo morphokinetics plus transcript levels of sperm apoptotic genes and clinical outcomes in IMSI and ICSI cycles of male factor patients. Mangoli E, Khalili MA, Talebi AR, Kalantar SM, Montazeri F, Agharahimi A, et al. Journal of Assisted Reproduction and Genetics. 2020:1-13.
- 25- Efficacy of the in vitro splitting of human preimplantation embryos from ART programs. Omidi M, Khalili MA, Agha-Rahimi A, Nottola S, Anbari F, Faramarzi A, et al. Turkish journal of medical sciences. 2019:49.
- 26- Human cumulus cell sensitivity to vitrification, an ultrastructural study. Taghizabet N, Khalili MA, Anbari F, Agha-Rahimi A, Nottola SA, Macchiarelli G, et al. Zygote. 2018;26(3):224-31.
- 27- Biological and physiological characteristics of human cumulus cells in adherent culture condition. Tahajjodi SS, Yazd EF, Agha-Rahimi A, Aflatoonian R, Khalili MA, Mohammadi M, et al. International Journal of Reproductive BioMedicine. 2019;18(1):1.
- 28- The determination of estradiol to cumulus oocyte complex (COC) number ratio: Does it predict the outcomes of art cycles? Taheri F,

Omidi M, Khalili MA, Agha-Rahimi A, Sabour M, Faramarzi A, et al. Journal of Reproduction & Infertility. 2020;21(1):11.

29- Application of erythrocyte lysing buffer (ELB) has detrimental effects on human sperm quality parameters, DNA fragmentation and chromatin structure. Yazdinejad F, Heydari L, Motamed zadeh L, Seifati SM, Agha-Rahimi A. Andrologia. 2020:e13702.

۳۰- مقایسه کارایی گنادوتروپین های نوع ادراری و نوترکیب با استفاده از مدل حیوانی. محمدعلی خلیلی، اعظم آقارحیمی، سیدمحسن میراسماعیلی. مجله دانشگاه علوم پزشکی رفسنجان، دوره ۹، شماره ۱، بهار ۱۳۸۹، ۱۵-۲۶.

۳۱- کنترل کیفی وسایل مصرفی در آزمایشگاه ART به روش ارزیابی تحرک اسپرم انسانی (HuSMA). ساره عاشورزاده، اعظم آقارحیمی، محمدعلی خلیلی. فصلنامه باروری و ناباروری، دوره ۱۲، شماره ۲، بهار ۱۳۹۰، صفحات ۱۰۸-۱۰۱.