

## رضا افلاطونیان

دانشیار

محل خدمت: پژوهشگاه علوم سلوی (رویان)

### سوابق تحصیلی

دانشگاه	رشته و گرایش تحصیلی	سال اخذ مدرک	مقطع تحصیلی
دانشگاه علوم پزشکی یزد	پزشک عمومی	۱۳۷۷	پزشک عمومی
دانشگاه شفیلد	طب تولید مثل	۱۳۸۷	دکترای تخصصی

### اطلاعات استخدامی

پایه	نوع همکاری	نوع استخدام	عنوان سمت	محل خدمت
	تمام وقت	پیمانی	عضو هیأت علمی	پژوهشگاه رویان

### سوابق اجرایی

عضو هیأت علمی پژوهشگاه رویان

### مقالات در نشریات

1. Zandieh, Z., Ashrafi, M., Jameie, B., (...), Pacey, A., Aflatoonian, R., Evaluation of immunological interaction between spermatozoa and fallopian tube epithelial cells. *Andrologia*, 2015
2. Aghajanpour, S., Mehraein, F., Amjadi, F., (...), Bakhtiyari, M., Aflatoonian, R., Endometrial scratching in unexplained repeated implantation failure causes two competing forces, angiogenesis and anti-angiogenesis: An RCT study, *International Journal of Reproductive BioMedicine*, 2024
3. Raghibi, M., Raghibi, M., Morovvati, A., (...), Aflatoonian, R., Dirbaiyan, A., Expression of mRNA- TLR-5 Gene in Patients with Endometriosis using Real-time PCR in Tehran, Iran, *Recent Advances in Anti-Infective Drug Discovery*, 2024
4. Sheibak, N., Zandieh, Z., Amjadi, F., Aflatoonian, R., How sperm protects itself: A journey in the female reproductive system, *Journal of Reproductive Immunology*, 2024
5. Noghrehalipour, N., Aflatoonian, R., Rahimipour, A., (...), Ghaffari, F., Kazerouni, F., The Effect of Altered Mucin1, FGF2, and HBEGF Gene Expression at The Ectopic Implantation Site and Endometrial Tissues in The Tubal Pregnancy Pathogenesis: A Case-Control Study, *International Journal of Fertility and Sterility*, 2023
6. Golkar, S., Chekini, Z., Amjadi, F., (...), Ghaffari, F., Aflatoonian, R., Expressions of vascular endothelial growth factor A, mucin-1, colony-stimulating factor-1, heparin-binding epidermal growth factor-like growth factor, and fibroblast growth factor 2 genes in the female reproductive

- tracts of women with ectopic pregnancy:,International Journal of Reproductive BioMedicine,2023
- Eivazi, S., Tanhaye Kalate Sabz, F., Amiri, S., (...), Mehraein, F., Amjadi, F., MiRNAs secreted by .7 human blastocysts could be potential gene expression regulators during implantation,Molecular Biology Reports,2023
- Zandieh, Z., Govahi, A., Aghamajidi, A., (...), Golestan, M., Aflatoonian, R., TLR-1, TLR-2, and .8 TLR-6 MYD88-dependent signaling pathway: A potential factor in the interaction of high-DNA fragmentation human sperm with fallopian tube epithelial cells,Clinical and Experimental Reproductive Medicine,2023
- Salehi Novin, M., Mehdizadeh, A., Artimani, T., (...), Aflatoonian, R., Zandieh, Z., MACS-DGC .9 sperm preparation method resulted in high-quality sperm, top-quality embryo, and higher blastocyst rate in male factor infertile couples with high DNA fragmented sperm,Human Fertility,2023
- Gholipour, H., Amjadi, F.S., Zandieh, Z., (...), Aflatoonian, R., Bakhtiyari, M., Investigation of the .10 Effect of Seminal Plasma Exosomes from the Normal and Oligoasthenoteratospermic Males in .the Implantation Process,Reports of Biochemistry and Molecular Biology,2023
- Mohebbi, A., Hojati, V., Zolbin, M.M., Aflatoonian, R., Histopathologic evaluation of the .11 inflammatory factors and stromal cells in the endometriosis lesions: A case-control study,International Journal of Reproductive BioMedicine,2022
- Amiri, S., Bagher, Z., Sene, A.A., (...), Ashrafi, M., Amjadi, F.S., Evaluation of polyglycolic acid .12 as an animal-free biomaterial for three-dimensional culture of human endometrial cells,Clinical .and Experimental Reproductive Medicine,2022
- Amjadi, F., Zandieh, Z., Mehdizadeh, M., (...), Raoufi, E., Aflatoonian, R., Molecular signature of .13 immunological mechanism behind impaired endometrial receptivity in polycystic ovarian syndrome,Archives of Endocrinology and Metabolism,2022
- Asgari, F., Gavahi, A., Karimi, M., (...), Aflatoonian, R., Zandieh, Z., Risk of embryo aneuploidy .14 is affected by the increase in sperm DNA damage in recurrent implantation failure patients under .ICSI-CGH array cycles,Human Fertility,2022
- Mohammadi, R., Mousavi, S.O., Sheibak, N., (...), Eslami, M., Aflatoonian, R., Sperm-oviduct .15 interaction: Differential gene expression of growth factors induced by sperm DNA fragmentation,Andrologia,2022
- Tanhaye Kalate Sabz, F., Amjadi, F.S., Zandieh, Z., (...), Mohammadian, M., Ashrafi, M., GM- .16 CSF (granulocyte-macrophage colony-stimulating factor) treatment improves sperm parameters .in men with oligoasthenoteratospermia via PI3K/AKT pathway,Andrologia,2022
- Mirsanei, J.S., Sheibak, N., Zandieh, Z., (...), Mousavi, A.S., Amjadi, F., Microfluidic chips as a .17 method for sperm selection improve fertilization rate in couples with fertilization failure,Archives .of Gynecology and Obstetrics,2022
- Bahrami, Z., Daeifarshbaf, N., Amjadi, F., Aflatoonian, R., The effects of hormonal changes on .18 sperm DNA integrity in oligoasthenoteratospermia individuals: A case-control study,International .Journal of Reproductive BioMedicine,2022
- Ganji, R., Mashayekhan, S., Abandansari, H.S., (...), Ghanian, M. , H., Eftekhari , Yazdi, .19 P., Chemical modification of hyaluronic acid improves its supportive action on embryo .implantation,International Journal of Biological Macromolecules,2022
- Nikmard, F., Hosseini, E., Bakhtiyari, M., (...), Amidi, F., Aflatoonian, R., The boosting effects of .20 melatonin on the expression of related genes to oocyte maturation and antioxidant pathways: a .polycystic ovary syndrome- mouse model,Journal of Ovarian Research,2022
- Aghajanpour, S., Hosseini, E., Amirchaghmaghi, E., (...), Ashrafi, M., Aflatoonian, R., Differential .21 expression of innate/adaptive immunity genes induced by endometrial scratching as a hopeful approach for implantation boosting in unexplained, repeated implantation failure: An RCT,Journal .of Reproductive Immunology,2021

- Khodabandehloo, F., Aflatoonian, R., Zandieh, Z., (...), Nassiri ,& Asl, M., Baghaban .22  
Eslaminejad, M.,Functional differences of Toll-like receptor 4 in osteogenesis, adipogenesis and chondrogenesis in human bone marrow-derived mesenchymal stem cells,Journal of Cellular and .Molecular Medicine,2021
- Ajdary, M., Ashrafi, M., Aflatoonian, R., Mehdizadeh, M.,The role of sperm in inducing .23  
.genomic changes in the implantation: An experimental study,Andrologia,2021
- Mousavi, S.O., Mohammadi, R., Amjadi, F., (...), Madani, T., Aflatoonian, R.,Immunological .24  
response of fallopian tube epithelial cells to spermatozoa through modulating cytokines and .chemokines,Journal of Reproductive Immunology,2021
- Masoudi, M., Yamini, N., Salehi, F., (...), Abolhassani, F., Salehi, E.,Notch signaling pathway in .25  
cumulus cells reflecting zygote and embryo quality in polycystic ovary syndrome,Archives of .Gynecology and Obstetrics,2021
- Nikniaz, H., Zandieh, Z., Nouri, M., (...), Gholipourmalekabadi, M., Jameie, S.B.,Comparing .26  
various protocols of human and bovine ovarian tissue decellularization to prepare extracellular .matrix-alginate scaffold for better follicle development in vitro,BMC Biotechnology,2021
- Almasi, M.Z., Hosseini, E., Jafari, R., (...), Afsharian, P., Aflatoonian, R.,Evaluation of Toll-like .27  
receptor 3 (TLR3) signaling pathway genes and its genetic polymorphisms in ectopic and eutopic endometrium of women with endometriosis,Journal of Gynecology Obstetrics and .Human Reproduction,2021
- Esfandiari, F., Chitsazian, F., Jahromi, M.G., (...), Aflatoonian, A., Shahhoseini, M.,HOX cluster .28  
and their cofactors showed an altered expression pattern in eutopic and ectopic endometriosis .tissues,Reproductive Biology and Endocrinology,2021
- Daei , Farshbaf, N., Aflatoonian, R., Amjadi, F. , S., (...), Taleahmad, S., Bakhtiyari, .29  
M.,Identification of calcineurin as a predictor of oocyte quality and fertilization competence .based on microarray data,Computational Biology and Chemistry,2021
- Jafari, R., Karamzadeh, R., Pesaran Hajabbas, F., (...), Nazarimoghaddam, K., Aflatoonian, .30  
R.,Human closed and open apex premolar teeth express different toll-like receptor,Molecular .Genetics and Genomic Medicine,2020
- Daei , Farshbaf, N., Aflatoonian, R., Amjadi, F. , S., (...), Ashrafi, M., Bakhtiyari, M.,Expression .31  
pattern of olfactory receptor genes in human cumulus cells as an indicator for competent oocyte .selection,Turkish Journal of Biology,2020
- Tahajodi, S.S., Yazd, E.F., Agha ,& Rahimi, A., (...), Mohammadi, M., Aflatoonian, B.,Biological .32  
and physiological characteristics of human cumulus cells in adherent culture .condition,International Journal of Reproductive BioMedicine,2020
- Chekini, Z., Poursadoughian Yaran, A., Ansari ,& Pour, N., (...), Aflatoonian, R., Afsharian, P.,A .33  
novel gene-wide haplotype at the macrophage migration inhibitory factor (MIF) locus is associated with endometrioma,European Journal of Obstetrics and Gynecology and Reproductive .Biology,2020
- Amjadi, F., Zandieh, Z., Mehdizadeh, M., (...), Aghamajidi, A., Aflatoonian, R.,The uterine .34  
immunological changes may be responsible for repeated implantation failure,Journal of .Reproductive Immunology,2020
- Jafari, R., Taghavi, S.A., Amirchaghmaghi, E., (...), Ashrafi, M., Aflatoonian, R.,Detailed .35  
investigation of downstream TLR signaling in the follicular cells of women with .endometriosis,Journal of Reproduction and Infertility,2020
- Ajdary, M., Zandieh, Z., Amjadi, F.S., (...), Mehdizadeh, M., Aflatoonian, R.,Interaction of sperm .36  
with endometrium can regulate genes involved in endometrial receptivity pathway in mice: An .experimental study,International Journal of Reproductive BioMedicine,2020
- Akyash, F., Javidpou, M., Yazd, E.F., (...), Aflatoonian, R., Aflatoonian, B.,Characteristics of the .37  
human endometrial regeneration cells as a potential source for future stem cell-based therapies: .A lab resources study,International Journal of Reproductive BioMedicine,2020

- Alikhani, M., Amjadi, F., Mirzaei, M., (...), Aflatoonian, R., Salekdeh, G.H.,Proteome analysis of .38  
endometrial tissue from patients with PCOS reveals proteins predicted to impact the  
.disease,Molecular Biology Reports,2020
- Khodabandehloo, F., Taleahmad, S., Aflatoonian, R., (...), Nassiri ,& Asl, M., Eslaminejad, .39  
M.B.,Microarray analysis identification of key pathways and interaction network of differential  
.gene expressions during osteogenic differentiation,Human Genomics,2020
- Ajdary, M., Keyhanfar, F., Aflatoonian, R., (...), Zandieh, Z., Mehdizadeh, M.,Design and .40  
evaluation of a novel nanodrug delivery system for reducing the side effects of clomiphene  
.citrate on endometrium,DARU, Journal of Pharmaceutical Sciences,2020
- Hosseini, E., Shahhoseini, M., Afsharian, P., (...), Mehraein, F., Afatoonian, R.,Role of .41  
epigenetic modifications in the aberrant CYP19A1 gene expression in polycystic ovary  
.syndrome,Archives of Medical Science,2019
- Samadieh, Y., Favaedi, R., Ramezanali, F., (...), Aflatoonian, R., Shahhoseini, M.,Epigenetic .42  
.Dynamics of HOXA10 Gene in Infertile Women With Endometriosis,Reproductive Sciences,2019
- Mousazadeh, S., Ghaheri, A., Shahhoseini, M., Aflatoonian, R., Afsharian, P.,Differential .43  
expression of progesterone receptor isoforms related to PGR 331g/a polymorphism in  
endometriosis: A case-control study,International Journal of Reproductive BioMedicine,2019
- Zandieh, Z., Ashrafi, M., Aflatoonian, K., Aflatoonian, R.,Human sperm DNA damage has an .44  
.effect on immunological interaction between spermatozoa and fallopian tube,Andrology,2019
- Amirteimouri, S., Ashini, M., Ramazanali, F., (...), Afsharian, P., Shahhoseini, M.,Epigenetic role .45  
of the nuclear factor NF-Y on Id gene family in endometrial tissues of women with  
.endometriosis: A case control study,Reproductive Biology and Endocrinology,2019
- Amjadi, F., Salehi, E., Zandieh, Z., (...), Aflatoonian, R., Mehdizadeh, M.,Comparative .46  
evaluation of NOTCH signaling molecules in the endometrium of women with various  
gynecological diseases during the window of implantation,Iranian Journal of Basic Medical  
.Sciences,2019
- Mohammadi, F., Varanloo, N., Heydari Nasrabadi, M., (...), Aflatoonian, R., Zandieh, .47  
Z.,Supplementation of sperm freezing medium with myoinositol improve human sperm  
parameters and protects it against DNA fragmentation and apoptosis,Cell and Tissue  
.Banking,2019
- Ganjibakhsh, M., Mehraein, F., Koruji, M., Aflatoonian, R., Farzaneh, P.,Three-dimensional .48  
decellularized amnion membrane scaffold promotes the efficiency of male germ cells generation  
.from human induced pluripotent stem cells,Experimental Cell Research,2019
- Mousazadeh, S., Ghaheri, A., Shahhoseini, M., Aflatoonian, R., Afsharian, P.,The effect of .49  
imbalanced progesterone receptor-A/-B ratio on gelatinase expressions in  
.endometriosis,International Journal of Fertility and Sterility,2019
- Kiani, K., Rudzitis ,& Auth, J., Scheuer, C., (...), Menger, M.D., Laschke, M.W.,Calligonum .50  
comosum (Escanbil) extract exerts anti-angiogenic, anti-proliferative and anti-inflammatory  
.effects on endometriotic lesions,Journal of Ethnopharmacology,2019
- Ganjibakhsh, M., Mehraein, F., Koruji, M., Aflatoonian, R., Farzaneh, P.,Three-dimensional .51  
decellularized amnion membrane scaffold as a novel tool for cancer research; cell behavior, drug  
.resistance and cancer stem cell content,Materials Science and Engineering C,2019
- Shariati, F., Favaedi, R., Ramazanali, F., (...), Aflatoonian, R., Shahhoseini, M.,Increased .52  
expression of stemness genes rex-1, oct-4, nanog, and sox-2 in women with ovarian  
endometriosis versus normal endometrium: A case-control study,International Journal of  
.Reproductive BioMedicine,2018
- Zandieh, Z., Amjadi, F., Vakilian, H., (...), Fazeli, A., Aflatoonian, R.,Sex hormones alter the .53  
response of Toll-like receptor 3 to its specific ligand in fallopian tube epithelial cells,Clinical and  
.Experimental Reproductive Medicine,2018
- Kiani, K., Movahedin, M., Malekafzali, H., (...), Ostad, S.N., Aflatoonian, R.,Effect of the estrus .54

- cycle stage on the establishment of murine endometriosis lesions,International Journal of Reproductive BioMedicine,2018 .55
- Jafari, R., Aflatoonian, R., Falak, R., (...), Rezaei, A., Tajik, N., Down-regulation of inflammatory signaling pathways despite up-regulation of Toll-like receptors; the effects of corticosteroid therapy in brain-dead kidney donors, a double-blind, randomized, controlled trial,Molecular Immunology,2018 .55
- Amjadi, F., Zandieh, Z., Salehi, E., (...), Fazeli, A., Aflatoonian, R., Variable localization of Toll-like receptors in human fallopian tube epithelial cells,Clinical and Experimental Medicine,2018 .56
- Foroughi, S., Ziamajidi, N., Javid, S., (...), Ashrafi, M., Nourian, A., Study of telomerase reverse transcriptase and uterine-ovarian-specific genes expression in the endometrial tissue of ovariectomized female Sprague-Dawley rats,International Journal of Biological Macromolecules,2018 .57
- Amjadi, F., Mehdizadeh, M., Ashrafi, M., (...), Salekdeh, G.H., Aflatoonian, R., Distinct changes in the proteome profile of endometrial tissues in polycystic ovary syndrome compared with healthy fertile women,Reproductive BioMedicine Online,2018 .58
- Hashemzadeh, M.R., Eslaminejad, M.B., Salman Yazdi, R., Aflatoonian, R., Evaluation of toll-like receptor 4 expression in human bone marrow mesenchymal stem cells by lipopolysaccharides from Shigella,Biologicals,2018 .59
- Golestan Jahromi, M., Aflatoonian, R., Afsharian, P., (...), Shahhoseini, M., Aflatoonian, A., Altered expression of 3' paralogous HOX A-D clusters in endometriosis disease: A case-control study,International Journal of Reproductive BioMedicine,2018 .60
- Mehdinejadiani, S., Amidi, F., Mehdizadeh, M., (...), Mohammadzadeh kazorgah, F., Sobhani, A., The effects of letrozole and clomiphene citrate on ligands expression of Wnt3, Wnt7a, and Wnt8b in proliferative endometrium of women with Polycystic ovarian syndrome,Gynecological Endocrinology,2018 .61
- Zhaeentan, S., Amjadi, F.S., Zandie, Z., (...), Bakhtiyari, M., Aflatoonian, R., The effects of hydrocortisone on tight junction genes in an in vitro model of the human fallopian epithelial cells .European Journal of Obstetrics and Gynecology and Reproductive Biology,2018 .62
- استادات Y Salehi, E., Aflatoonian, R., Moeini, A., (...), harat, Z.N., Abolhassani, F., Apoptotic biomarkers in cumulus cells in relation to embryo quality in polycystic ovary syndrome,Archives of Gynecology and Obstetrics,2017 .63
- Gholamnezhadafari, R., Tajik, N., Falak, R., (...), Dehghan, S., Rezaei, A., Innate inflammatory gene expression profiling in potential brain-dead donors: Detailed investigation of the effect of common corticosteroid therapy,Innate Immunity,2017 .64
- Nikmard, F., Hosseini, E., Bakhtiyari, M., (...), Amidi, F., Aflatoonian, R., Effects of melatonin on oocyte maturation in PCOS mouse model,Animal Science Journal,2017 .65
- Hosseini, E., Nikmard, F., Aflatoonian, B., (...), Mehraein, F., Aflatoonian, R., Controlled ovarian stimulation in endometriosis patients can be individualized by anti-mUllerian hormone levels,Acta Endocrinologica,2017 .66
- Lakpour, M.R., Aghajanpour, S., Koruji, M., (...), Aflatoonian, R., Rajabian ,& Naghandar, M., Isolation, culture and characterization of human sertoli cells by flow cytometry: Development of procedure,Journal of Reproduction and Infertility,2017 .67
- Lakpour, M.R., Koruji, M., Shahverdi, A., (...), Sabbaghian, M., Aflatoonian, R., The expression of TLR2 and TLR3 in sertoli cells of azoospermic patients,Cell Journal,2017 .68
- Nikmard, F., Aflatoonian, B., Hosseini, E., (...), Bakhtiyari, M., Aflatoonian, R., A comparative study on the results of agonist and antagonist protocols based on serum AMH levels in patients undergoing intracytoplasmic sperm injection,International Journal of Reproductive BioMedicine,2016 .69
- Gholamnezhadafari, R., Falak, R., Tajik, N., (...), Keshtkar, A.A., Rezaei, A., BMJ open effect of .70

- FTY720 (fingolimod) on graft survival in renal transplant recipients: A systematic review .protocol,BMJ Open,2016
- Zandieh, Z., Amjadi, F., Ashrafi, M., (...), Fazeli, A., Aflatoonian, R., The effect of estradiol and .71 progesterone on toll like receptor gene expression in a human fallopian tube epithelial cell .line,Cell Journal,2016
- Artimani, T., Saidijam, M., Aflatoonian, R., (...), Karimi, J., Mehdizadeh, M., Downregulation of .72 adiponectin system in granulosa cells and low levels of HMW adiponectin in PCOS,Journal of .Assisted Reproduction and Genetics,2016
- Saifi, B., Aflatoonian, R., Tajik, N., (...), Rezaee, S.A., Mehdizadeh, M., T regulatory markers .73 expression in unexplained recurrent spontaneous abortion,Journal of Maternal-Fetal and .Neonatal Medicine,2016
- Azizollahi, S., Aflatoonian, R., Sadighi Gilani, M.A., (...), Asgari, H.R., Koruji, M., Alteration of .74 spermatogenesis following spermatogonial stem cells transplantation in testicular torsion- .detorsion mice,Journal of Assisted Reproduction and Genetics,2016
- Hosseini, E., Mehraein, F., Shahhoseini, M., (...), Afsharian, P., Aflatoonian, R., Epigenetic .75 alterations of CYP19A1 gene in Cumulus cells and its relevance to infertility in .endometriosis,Journal of Assisted Reproduction and Genetics,2016
- Sadeghian ,& Nodoushan, F., Aflatoonian, R., Borzouie, Z., (...), Moore, H.D., Aflatoonian, .76 B., Pluripotency and differentiation of cells from human testicular sperm extraction: An .investigation of cell stemness,Molecular Reproduction and Development,2016
- Amirchaghmaghi, E., Rezaei, A., Moini, A., (...), Hafezi, M., Aflatoonian, R., Gene expression .77 analysis of VEGF and its receptors and assessment of its serum level in unexplained recurrent .spontaneous abortion,Cell Journal,2015
- Amjadi, F., Aflatoonian, R., Javanmard, S.H., (...), Ashrafi, M., Mehdizadeh, M., Apolipoprotein .78 A1 as a novel anti-implantation biomarker in polycystic ovary syndrome: A case-control .study,Journal of Research in Medical Sciences,2015
- Artimani, T., Saidijam, M., Aflatoonian, R., (...), Mohammadpour, N., Mehdizadeh, M., Estrogen .79 and progesterone receptor subtype expression in granulosa cells from women with polycystic .ovary syndrome,Gynecological Endocrinology,2015
- Mahdian, S., Aflatoonian, R., Yazdi, R.S., (...), Afsharian, P., Shahhoseini, M., Macrophage .80 migration inhibitory factor as a potential biomarker of endometriosis,Fertility and Sterility,2015
- Zarezade, N., Darabi, S.S., Ramezanali, F., (...), Moini, A., Aflatoonian, R., mRNA expression of .81 VEGF and its receptors in fallopian tubes of women with ectopic pregnancies,International .Journal of Fertility and Sterility,2015
- Ghasemi, N., Amjadi, F., Salehi, E., (...), Aflatoonian, A., Aflatoonian, R., Expression of toll-like .82 receptors 7-10 in human fallopian tubes,Iranian Journal of Reproductive Medicine,2014
- Azizollahi, S., Aflatoonian, R., Sedigi ,& Gilani, M.A., (...), Azizollahi, G., Koruji, M., Recruiting .83 testicular torsion introduces an azoospermic mouse model for spermatogonial stem cell .transplantation,Urology Journal,2014
- Taghavi, S.A., Ashrafi, M., Mehdizadeh, M., (...), Joghataie, M.T., Aflatoonian, R., Toll-like .84 receptors expression in follicular cells of patients with poor ovarian response,International .Journal of Fertility and Sterility,2014
- Saeidi, S., Shapouri, F., Amirchaghmaghi, E., (...), Pacey, A.A., Aflatoonian, R., Sperm .85 protection in the male reproductive tract by Toll-like receptors,Andrologia,2014
- Saifi, B., Rezaee, S.A., Tajik, N., (...), Aflatoonian, R., Mehdizadeh, M., Th17 cells and related .86 cytokines in unexplained recurrent spontaneous miscarriage at the implantation .window,Reproductive BioMedicine Online,2014
- Hoseini, F.S., Noori Mugahi, S.M.H., Akbari ,& Asbagh, F., (...), Aflatoonian, R., Salsabili, N., A .87 randomized controlled trial of gonadotropin-releasing hormone agonist versus gonadotropin-releasing hormone antagonist in Iranian infertile couples: Oocyte gene expression,DARU, Journal

.of Pharmaceutical Sciences,2014

Shapouri, F., Saeidi, S., Kakhki, S.A., (...), Amirchaghmaghi, E., Aflatoonian, R.,The expression .88  
of Toll-Like Receptors (TLRs) in testicular cancer: A case control study,International Journal of  
.Reproductive BioMedicine,2013

Amirchaghmaghi, E., Taghavi, S.A., Shapouri, F., (...), Rezaei, A., Aflatoonian, R.,The role of .89  
.toll like receptors in pregnancy,International Journal of Fertility and Sterility,2013

Karamzadeh, R., Eslaminejad, M.B., Aflatoonian, R.,Isolation, characterization and .90  
comparative differentiation of human dental pulp stem cells derived from permanent teeth by  
.using two different methods,Journal of visualized experiments : JoVE,2012

Karamzadeh, R., Eslaminejad, M.B., Aflatoonian, R.,Isolation, characterization and .91  
comparative differentiation of human dental pulp stem cells derived from permanent teeth by  
.using two different methods,Journal of Visualized Experiments,2012

Aboussahoud, W., Aflatoonian, R., Bruce, C., (...), Klonisch, T., Fazeli, A.,Expression and .92  
function of Toll-like receptors in human endometrial epithelial cell lines,Journal of Reproductive  
.Immunology,2010

Aflatoonian, B., Ruban, L., Jones, M., (...), Fazeli, A., Moore, H.D.,In vitro post-meiotic germ .93  
.cell development from human embryonic stem cells,Human Reproduction,2009

Aflatoonian, R., Fazeli, A.,Toll-like receptors in female reproductive tract and their menstrual .94  
.cycle dependent expression,Journal of Reproductive Immunology,2008

Georgiou, A.S., Snijders, A.P.L., Sostaric, E., (...), Wright, P.C., Fazeli, A.,Modulation of the .95  
.oviductal environment by gametes,Journal of Proteome Research,2007

Monkkonen, K.S., Aflatoonian, R., Lee, K. ,& F., (...), Laitinen, J.T., Fazeli, A.,Hormonal .96  
regulation of Galphai2 and mPRalpha in immortalized human oviductal cell line OE-  
.E6/E7,Molecular Human Reproduction,2007

Monkkonen, K.S., Aflatoonian, R., Lee, K. ,& F., (...), Li, T.C., Fazeli, A.,Localization and .97  
variable expression of Galphai2 in human endometrium and Fallopian tubes,Human  
.Reproduction,2007

Aflatoonian, R., Tuckerman, E., Elliott, S.L., (...), Li, T.C., Fazeli, A.,Menstrual cycle-dependent .98  
.changes of Toll-like receptors in endometrium,Human Reproduction,2007