

C.V

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ORCID: <http://orcid.org/0000-0002-4678-4002>

Nationality: Iranian

Date of birth: September, 1977.

Place of birth: Tabriz/ IRAN.

Education history:

- ✓ 1995-2001, (DVM) degree, Islamic Azad University Tabriz Branch-Iran.
- ✓ 2001-2005, (PhD) degree in vet pathology ,Islamic Azad University, Science & Research Campus, Tehran, Iran.

Academic History:

- ✓ Lecturer since 2001 to May 2005.
- ✓ Assistant Professor since May 2005 to May 2009.
- ✓ Associate Professor since December 2010.
- ✓ Candidate for full professor in January 2016(in final processing).

Place of Employment:

- ✓ Department of Veterinary Pathology, Islamic Azad University Tabriz Branch-Iran.
- ✓ Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Tabriz, Iran

Research Manager:

Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Tabriz, Iran (<http://wrhrc.tbzmed.ac.ir/?PageID=29>)

Research area:

- ✓ Research in male Reproductive system
- ✓ Spermatogenesis & Apoptosis in rat.
- ✓ Research in Drug toxic effect in animal tissues and developmental effect in embryo
- ✓ Finish 17 scientific Research program in Iranian universities.

Study area:

- ✓ Circularly system pathology,

- ✓ Urinary system pathology,
- ✓ Forensic Pathology for veterinary students.

Abstracts:

(1) A Case Report of Fibroma In Sheep In Iran.

Has been accepted for poster presentation at the 21st ESVP annual congress, September 10-13, Dublin/ Ireland, 2003.

(2) Immunohistochemical Staining Study On Sex Hormones Receptor In Dog Mammary Gland Tumors.

Has been accepted for poster presentation at the 3rd annual canine cancer conference meeting, on September 5-7, Seattle Washington/ USA 2003.

(3) Histopathological Effect of Enalapril Maleate on Fetal Heart Development In Rat.

Has been accepted for poster presentation at the international federation of society of toxicologic pathology Jstp/ Ifstp (IATP) congress, February 15-18, Japan, 2004.

(4) A Case Report of Fibroma In Vagina In Cow In Iran.

Has been accepted for poster presentation at the 22nd ESVP annual congress, September 15-18 OLSZTYN/Poland, 2004.

(5) A Case Report of Sarcoid In Prepuce in Donkey in Iran.

Has been accepted for poster presentation at the 22nd ESVP annual congress, September 15-18 OLSZTYN/Poland, 2004.

(6) Histopathological Effects Of Ciprofloxacin On Rat Fetal Heart Development.

Has been accepted for poster presentation at the 55th ACVP annual congress November 13-17 Orlando, Florida / USA, 2004.

(7) The Effects Of Gn-Rh On Seminiferous Tubules In Immature Rats.

Has been accepted for poster presentation at the 30th ASA annual meeting, April 2-5 Seattle, Washington/USA, 2005.

(8) Role of Transforming Growth Factor- β , (TGF- β), in Tumor Metastasis.

Has been accepted for Oral presentation at the FIRST INTERNATIONAL SYMPOSIUM LYMPHATIC MICROCIRCULATION AND NEOPLASTIC METASTASIS, June 9-10 Parma/Italy, 2005.

(9) Eyelid Squamous Cell Carcinoma In Cat.

Has been accepted for poster presentation at the 23rd ESVP annual congress, September 7-10 Naples /Italy, 2005.

(10) Histopathological Evaluation Of Canine Femoral Head Articular Cartilage Following Resurfacing Using Ovine Membranous Fetal Skull.

Has been accepted for poster presentation at the 23rd ESVP annual congress, September 7-10
Naples /Italy, 2005.

(11) The Histopathological Effect Of Superovulatory Drugs GnRha/HMG/HCG, On The Endometrial Tissue Of Rat.

Has been accepted for poster presentation at the 23rd ESVP annual congress, September 7-10
Naples /Italy, 2005

(12) The Ultrastructural Effects Of The Superovulatory Drugs PMSG/HCG, On The Mouse endometrial Basal Membrane .

Has been accepted for poster presentation at the 23rd ESVP annual congress, September 7-10
Naples /Italy, 2005.

(13) Prevalence of Sex Chromosome Abnormalities and In Vitro Fertilization (IVF) and Intracytoplasmic Sperm Injection (ICSI).

Has been accepted for poster presentation The Utah Symposium on the Genetics of Male Infertility, January 26-28, Salt Lake City Utah/USA, 2006.

(14) Evaluation Of Prostate Biopsy Complication After Using Mean Of Cook Needle Biopsy Method.

Has been accepted for poster presentation The 24th ESVP annual congress, September,
Edinburgh /UK, 2006.

(15) Histopathological Effect Of Ciprofloxacin On Fetal Liver & Kidney Development In Rat.

Has been accepted for poster presentation The 24th ESVP annual congress, September,
Edinburgh /UK, 2006.

(16) Effects of Ciprofloxacin on testis apoptosis and sperm parameters in rat.

Has been accepted for poster presentation, 44th scientific meeting of the International Association of Forensic Toxicologists (TIAFT) Ljubljana / Slovenia, 2006.

(17) Evaluation Of Ciprofloxacin Effect In Sertoli Cells In Rats.

Has been accepted for Oral presentation at the 57th ACVP annual congress December 2-6,
Arizona. / USA, 2006.

(18) Evaluation of Apoptosis after Ciprofloxacin inducement in Rat testis.

Has been accepted for poster presentation The 25th ESVP annual congress, September,
Munich/Germany, 2007.

(19) Comparative effect of Aminoglycosides (Gentamycin, Neomycin, Streptomycin) and Fluoroquinolones (Ofloxacin) antibiotics on sperm parameters and testis apoptosis in rats.

Has been accepted as an Oral Presentation at the Royan International Twin Congress, 5-7 Sep.,
Tehran, Iran, 2007.

(20) Effect of Growth Hormone on Testicular Dysfunction and Apoptosis Induced By Methotrexate In Rats.

Has been accepted as an Oral Presentation at the Royan International Twin Congress, 21 August, Tehran, Iran, 2008.

(21) The effect of streptomycin and ofloxacin antibiotics on leydig cells apoptosis in rat.

Has been accepted as an Oral Presentation at the Controversies in Obstetrics, Gynecology & Infertility (COGI) November 27 - 30, 2008, Paris, France

(22) Evaluation of Androgenic Activity of Allium cepa on Spermatogenesis in Rat.

Has been accepted as Poster Presentation at the 34 international conference in American society of Andrology .April 4-7, USA, 2009.

(23) Effect of Androgenic Activity of Onion on FSH, LH, Testosterone hormone and Spermatogenesis in Rat.

Has been accepted as Poster Presentation at the 8th European Congress of Menopause(EMAS),.16-20 May 2009, London Uk

(24) Effect of Androgenic Activity of Ginger on FSH, LH, Testosterone hormone and Spermatogenesis in Rat.

Has been accepted as an Oral Presentation at the 8th European Congress of Gynecology (SEG),.10-13 Sep2009, Rome Italy

(25) Ultra Structural Study of Aminoglycosides (Gentamicin) and Fluoroquinolone (Ofloxacin) Antibiotics Effect on Testis Tissue in Rats: light and Transmission Electron Microscopic Study.

Has been accepted as Poster Presentation at 46th Congress of the European Societies of Toxicology September 13 - 17, 2009 in Dresden, Germany.

(26) Treatment Effect of Ginger on sexual behavior after induces an Antiepileptic drug (lamotrigine) in male rat.

Has been accepted as Oral Presentation at International Neuroimplantation Congress, January 22-23-2010, Istanbul-Turkey

(27) Effect of Androgenic Activity of Zingiber officinale on Serum FSH, LH, Testosterone hormone and Spermatogenesis in Rat.

Has been accepted as Oral Presentation at ISGE - 14th world congress of Gynecological Endocrinology, March 4-7-2010, Firenze-Italy.

(28) Beneficial Effects of Quercetin on sperm parameters in streptozotocin -induced diabetic male rats.

Has been accepted as Poster Presentation at The 35th Annual meeting of American society of Andrology. April 10-13-210, Houston-Texas-USA.

(29) Hypoglycemic Activity of Carrot Seeds Ethanolic Extract on Liver Tissue in Streptozotocin-induced Diabetic Rats.

Has been accepted as Poster Presentation at The 12th international meeting of Toxicology. July 19-23-2010, Barcelona-Spain.

(30) Herbals & Androgenic Activity: Role of the Antioxidant Effect of Ginger, Carrot Seed, Allium cepa, Quercetin and Danae racemosa in Sperm Parameters.

Has been accepted as Poster Presentation at The 35th Annual meeting of American society of Andrology, April 2-5-2011 Montreal-Canada .

(31) Evaluation of Ocimum Basilicum Effects on uterus & Ovary Apoptosis in Rats Exposures in Electromagnetic Fields.

International Conference on Ovarian Cancer Screening, taking place in London, UK from 29-30th November 2011.

(32) Androgenic Effects of basil, Ocimum basilicum, on spermatogenesis deficiency produced by exposure to electromagnetic field in rats.

Has been accepted as Poster Presentation at The 36th Annual meeting of American society of Andrology, April 20-25-2012 Arizona-USA .

(33) Anti- diabetic and antioxidant effect of Water Melon Seeds Extracts (Citrullus vulgaris) on serum testosterone.

Has been accepted as Oral Presentation at The 20th Annual meeting of COGI, December 4-7-2014, Paris-France.

(34) Ultra-structural Study by Transmission Electron Microscopy: Effect of Omega-3 on Ovary Cell Organelles after Experimental Induced Poly Cystic Ovary Syndrome.

Has been accepted as Oral Presentation at The 20th Annual meeting of COGI, December 4-7-2014, Paris-France

(35) The antioxidant effect of ginger and cinnamon on spermatogenesis dysfunction on diabetes rats. 5th world Congress on Diabetes & Metabolism. 2-3. Nov.2014, USA.

(36) Androgenic effect of cinnamon zeylanicum on spermatogenesis. Program Schedule from the 40th American Society of Andrology Annual Meeting. 18-21. April.2015, USA.

(37) Effect of Rosmarinic Acid on sertoli cells apoptosis and serum antioxidant levels in rats after exposure to electromagnetic fields. 39th Annual Meeting American Society of Andrology. 5-8. April.2014, USA.

(38) Hormonal and metabolic effects of polyunsaturated fatty acid (omega-3) in PCO induced rats under diet. 16 world congress of Gynecological endocrinology IIV congress AIGE. 5-8. March.2014, Italy.

(39) Effect of Cinnamon Zeylanicum on serum Testosterone and anti- oxidants levels in Rats. 16 world congress of Gynecological endocrinology IIV congress AIGE. 5-8. March.2014, Italy.

(40) Androgenic effect of cinnamon zeylanicum on spermatogenesis. Program Schedule from the 40th American Society of Andrology Annual Meeting. 18-21. April.2016, USA.

Certificate:

- ✓ Obtained Board of Veterinary Pathology (PhD) from Islamic Azad University, Tehran Science & Research Campus, December 2004.
- ✓ Obtained CME, in male reproductive with 13 point from Royan institute 2007.
- ✓ Obtained CME, in male reproductive with 15 international points from American infertility institute 2007.
- ✓ Obtained CME, in infertility international points from France, COGI 2008.
- ✓ Obtained CME, in infertility international points from UK, EMAS 2009.
- ✓ Obtained CME, in infertility international points from USA, Oklahoma University ASA2010.
- ✓ Obtained CME, in infertility international points from USA, Oklahoma University ASA2011.
- ✓ Obtained CME, in infertility international points from USA, Oklahoma University ASA2012.

Book publication:

1. Dog Feeding and Therapeutic Diet, published; ISBN: 964-6531-03-2, Tabriz/ Iran, April 2003.
2. Principles and Techniques of Histopathology (Histotechniques and special tissue processing methods for histopathology studies) published by university of boushehr medical science, Boushehr/Iran, ISBN: 964-90-419-4-x, Sep 2006.
3. Special Veterinary pathology (Pathology of Urinary and Reproductive Systems) this book published by tazeh haye teb, Tabriz/Iran.2007. ISBN: 964-95600-4-1, Jan 2007.
4. writer the chapter of Reference book: Medicinal Plants: phytochemistry, pharmacology and Therapeutics. Herbals &Androgenic Activity: Role of the Antioxidant Effect of Ginger, Carrot Seed, Allium cepa, Quercetin and Danae racemosa in Sperm Parameters. will be publish from LLC publishing in USA, chapter19,2012., pp:317-330.ISBN 978-81-7035-1
5. Write one chapter of Reference book of: A COMPENDIUM OF ESSAYS ON ALTERNATIVE THERAPY; Diabetic Nephropathy – Using Herbals in Diabetic Nephropathy Prevention and Treatment – The Role of Ginger (Zingiber officinale) and Onion (Allium cepa) in Diabetics' Nephropathy chapter:10, P:207, Croatia- 2012. ISBN 978-953-307-863-2.
6. The Pathophysiology of Tumors in the Reproductive System. published by T.T publisher under licenses of - Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Tabriz, Iran,2016 (<http://wrhrc-en.tbzmed.ac.ir/?PageID=12>)
7. The Pathophysiology of Infectious Diseases in the Reproductive System. published by T.T publisher under licenses of - Women's Reproductive Health Research Center, Tabriz University of Medical Sciences, Tabriz, Iran,2016 (<http://wrhrc-en.tbzmed.ac.ir/?PageID=12>)

Full Paper Publication in all Journals:

Published 500 scientific subjects in whole ISI & Scientific journals in medicine - subject's area since 2002 up to 2019.

Full Papers Publication in ISI (WOS),Scopus, Pubmed indexed Journals:

(1-102)

1. Bazzi P, Raiaee F, Khaki A. The histopathological effects of superovulatory drugs GnRH α /PMSG/HCG on the endometrial tissues of rat. ISMJ. 2005;8(1):15-21.
2. Khaki A, Bazzi P, Ghafari Novin M. Effects of Ciprofloxacin on rat Sertoli cells. ISMJ. 2006;8(2):110-8.
3. Khaki A, SOLAEYMANIRAD J, Arjani H, MOHADJEL SM, Zarrintan S, Khalili A, et al. Study of effects of electromagnetic fields on men infertility and the ways for decrease of its harmful effects. 2006.
4. Khaki A, Tubbs R, Shoja MM, Rad J, Khaki A, Farahani R, et al. The effects of an electromagnetic field on the boundary tissue of the seminiferous tubules of the rat: A light and transmission electron microscope study. Folia morphologica. 2006;65(3):188-94.
5. Khaki AA, Shokouhi G, Shoja MM, Farahani RMZ, Zarrintan S, Khaki A, et al. Ansa cervicalis as a variant of spinal accessory nerve plexus: a case report. Clinical Anatomy: The Official Journal of the American Association of Clinical Anatomists and the British Association of Clinical Anatomists. 2006;19(6):540-3.
6. Sohrabi Haghdoost I, Ghafari Novin M, Bazi P, Zahedi A, Azarmi Y. Survey The Effects of Ciprofloxacin on Rat Testis Tissue Considering Electron Microscopy. Journal of Guilan University of Medical Sciences. 2006;15(57):1-7.
7. Tubbs R, Shoja MM, Khaki A, Lyerly M, Loukas M, O'Neil J, et al. The morphology and function of the quadrate ligament. Folia morphologica. 2006;65(3):225-7.
8. Khaki A, Khaki A. Survey of Induced Apoptosis Effect of Ciprofloxacin in Rat's Testis by TUNEL Technique. Journal of Guilan University of Medical Sciences. 2007;16(61):22-9.
9. KHAKI AA, Heydari M, Ghafari NM, Khaki A, Rejaie F. Evaluation of Ciprofloxacin Cytotoxic Effect in Rat Testis. 2007.
10. Khaki A, Heidari M, Ghaffari Novin M, Khaki AA. Adverse effects of ciprofloxacin on testis apoptosis and sperm parameters in rats. International Journal of Reproductive BioMedicine. 2008;6(3):71-0.
11. Khaki AA, Khaki A, Garachurlou S, Khorshidi F, Tajadini N, Madinei N. Pre and post natal exposure of 50 Hz electromagnetic fields on prostate glands of rats: an electron microscopy study. International Journal of Reproductive BioMedicine. 2008;6(3):77-0.
12. Khaki AA, Zarrintan S, Khaki A, Zahedi A. The effects of electromagnetic field on the microstructure of seminal vesicles in rat: a light and transmission electron microscope study. Pakistan journal of biological sciences: PJBS. 2008;11(5):692-701.
13. Rajaii F, Khaki A, Khaki A, Khorshid F, Borhani N, Jfraii H, et al. Histopathological effects of sulfur dioxide in mouse liver following the chronic and acute exposure. Journal of Biological Sciences. 2008;8(7):1241-5.

14. Sanati E, Nikmanesh M. Comparative study of the effects of gentamicin, neomycin, streptomycin and ofloxacin antibiotics on sperm parameters and testis apoptosis in rats. *Pakistan Journal of Biological Sciences*. 2008;11(13):1683-9.
15. Khaki A. Evaluation effects of quercetin on liver apoptosis in streptozotocin-induced diabetic rat. فصلنامه علمی پژوهشی گیاهان دارویی. ۲۰۰۹؛ ۱(۲۹):۷۰-۸.
16. Khaki A, Fathiazad F, Ahmadi-Ashtiani H, Rastgar H, Rezazadeh S. Effects of *Danae racemosa* on Spermatogenesis in Rat. *Journal of Medicinal Plants*. 2009;3(31):87-92.
17. Khaki A, Fathiazad F, Nouri M, Khaki A, Khamenehi H, Hamadeh M. Evaluation of androgenic activity of *allium cepa* on spermatogenesis in the rat. *Folia morphologica*. 2009;68(1):45-51.
18. Khaki A, Fathiazad F, Nouri M, Khaki AA, Ozanci CC, Ghafari-Novin M, et al. The effects of Ginger on spermatogenesis and sperm parameters of rat. *Iranian Journal of Reproductive Medicine*. 2009;7(1).
19. Khaki A, Khaki A, Iraj S, Bazi P, Imani SAM, Kachabi H. Comparative Study of Aminoglycosides (Gentamicin & Streptomycin) and Fluoroquinolone (Ofloxacin) Antibiotics on Testis Tissue in Rats: Light and Transmission Electron Microscopic Study. *Pak J Med Sci*. 2009;25(4):624-9.
20. Khaki A, Nouri M, Fathiazad F, Ahmadi-Ashtiani H, Rastgar H, Rezazadeh S. Protective effects of quercetin on spermatogenesis in streptozotocin-induced diabetic rat. *Journal of Medicinal Plants*. 2009;1(29):57-64.
21. Khaki A, Novin MG, Khaki A, Fathiazad F, Khaberi M, Hossinchi J, et al. Ultra structural study of gentamicin and ofloxacin effect on testis tissue in rats: Light and transmission electron microscopy. *African Journal of Pharmacy and Pharmacology*. 2009;3(4):105-9.
22. Nassiri M, Khaki A, Ahmadi-Ashtiani H, Rezazadeh S, Rastgar H, Gharachurlu S. Effects of ginger on spermatogenesis in streptozotocin-induced diabetic rat. فصلنامه علمی پژوهشی گیاهان دارویی. ۲۰۰۹؛ ۳(۳۱):۱۱۸-۲۴.
23. Arash K. Protective effect of quercetin against necrosis and apoptosis by induced experimental ischemia and reperfusion in rat liver. *African Journal of Pharmacy and Pharmacology*. 2010;4(1):22-6.
24. Khaki A, Fathiazad F, Ahmadi-Ashtiani H, Rezazadeh S, Rastegar H, Imani A. Compartments of quercetin & *allium cepa* (onion) on blood glucose in diabetic rats. *Journal of Medicinal Plants*. 2010;1(33):107-12.
25. Khaki A, Fathiazad F, Nouri M, Khaki A, Maleki NA, Khamnei HJ, et al. Beneficial effects of quercetin on sperm parameters in streptozotocin - induced diabetic male rats. *Phytotherapy Research*. 2010;24(9):1285-91.
26. Khaki A, Khaki A, Ahmadi-Ashtiani H, Rastegar H, Rezazadeh S, Babazadeh D, et al. Treatment effects of ginger rhizome & extract of carrot seed on diabetic nephropathy in rat. فصلنامه علمی پژوهشی گیاهان دارویی. ۲۰۱۰؛ ۱(۳۳):۷۵-۸۰.
27. Khaki AA, Khaki A. Antioxidant effect of ginger to prevents lead-induced liver tissue apoptosis in rat. *J Med Plants Res*. 2010;4(14):1492-5.
28. Khaki AA, Khaki A, Heydari M, Gholizadeh L. A description of gender differences in angiographic findings in a single-center Iranian hospital. *Journal of Vascular Nursing*. 2010;28(1):11-3.
29. Shahreari S, Khaki A, Ahmadi-Ashtiani H, Rezazadeh S, Hajiaghahi R. Effects of *Danae racemosa* on testosterone hormone in experimental diabetic rats. فصلنامه علمی پژوهشی گیاهان دارویی. ۲۰۱۰؛ ۳(۳۵):۱۱۴-۹.

30. Zahedi A, Khaki A, Ahmadi-Ashtiani H, Rastegar H, Rezazadeh S. Zingiber officinale protective effects on gentamicin's toxicity on sperm in rats. *Journal of Medicinal Plants*. 2010;3(35):93-8.
31. Farzadi L, Khaki A, Ghasemzadeh A, Ouladsahebmadarek E, Ghadamkheir E, Shadfar S, et al. Effect of rosmarinic acid on sexual behavior in diabetic male rats. *African Journal of Pharmacy and Pharmacology*. 2011;5(16):1906-10.
32. Hamdi A, Soleimani-Rad J, Khaki AA, Khaki A. Pathology of testis in newborn mice exposed to electromagnetic fields (EMF) during developmental period. *Advances in Environmental Biology*. 2011;3225-31.
33. Khaki A, Azad FF, Nouri M, Khaki AA. Effects of basil, *Ocimum basilicum* on spermatogenesis in rats. *Journal of Medicinal Plants Research*. 2011;5(18):4601-4.
34. Khaki A, Farzadi L, Ahmadi S, Ghadamkheir E, afshin Khaki A, Sahizadeh R. Recovery of spermatogenesis by *Allium cepa* in *Toxoplasma gondii* infected rats. *African Journal of Pharmacy and Pharmacology*. 2011;5(7):903-7.
35. Khaki A, Fathiazad F, Nouri M, Khaki AA. Effect of *Ocimum basilicum* on apoptosis in testis of rats after exposure to electromagnetic field. *African journal of Pharmacy and Pharmacology*. 2011;5(12):1534-7.
36. Khaki A, Ouladsahebmadarek E, Javadi L, Farzadi L, Fathiazad F, Nouri M. Anti-oxidative effects of citro flavonoids on spermatogenesis in rat. *African Journal of Pharmacy and Pharmacology*. 2011;5(6):721-5.
37. Khaki AA, Shoja MM, Khaki A. A rare case report of subscapular artery. *Italian Journal of Anatomy and Embryology*. 2011;116(1):56.
38. Ouladsahebmadarek E, Sayyah-Melli M, Jafari M, Gojazadeh M, Khaki A. Hysterectomy versus GnRH agonist for dysfunctional uterine bleeding in premenopausal women. *African Journal of Pharmacy and Pharmacology*. 2011;5(12):1547-52.
39. Ouladsahebmadarek E, Tabrizi AD, Pouya K. Khaki. *Advances in Environmental Biology*. 2011;5(10):3117-9.
40. Abdoly M, Farnam A, Fathiazad F, Khaki A, Khaki AA, Ibrahimi A, et al. Antidepressant-like activities of *Ocimum basilicum* (sweet Basil) in the forced swimming test of rats exposed to electromagnetic field (EMF). *African journal of Pharmacy and Pharmacology*. 2012;6(3):211-5.
41. Bakhshaeshi M, Khaki A, Fathiazad F, Khaki AA, Ghadamkheir E. Anti-oxidative role of quercetin derived from *Allium cepa* on aldehyde oxidase (OX-LDL) and hepatocytes apoptosis in streptozotocin-induced diabetic rat. *Asian Pacific journal of tropical biomedicine*. 2012;2(7):528-31.
42. Khaki A, Farnam A, Badie AD, Nikniaz H. Treatment effects of onion (*Allium cepa*) and ginger (*Zingiber officinale*) on sexual behavior of rat after inducing an antiepileptic drug (lamotrigine). *Balkan medical journal*. 2012;2012(3):236-42.
43. Khaki A, Imani S, Golzar FS. Effects of rosmarinic acid on male sex hormones (testosterone-FSH-LH) and testis tissue apoptosis after exposure to electromagnetic field (EMF) in rats. *African Journal of Pharmacy and Pharmacology*. 2012;6(4):248-52.
44. Zahedi A, Fathiazad F, Khaki A, Ahmadnejad B. Protective effect of ginger on gentamicin-induced apoptosis in testis of rats. *Advanced pharmaceutical bulletin*. 2012;2(2):197.
45. Faramarzi S, Bozorgmehrifard M, Khaki A, Moomivand H, Ezati M, Rasoulinezhad S, et al. Study on the effect of *Thymus vulgaris* essential oil on humoral immunity and performance of broiler chickens after La Sota vaccination. *Annals of Biological Research*. 2013;4(6):290-4.

46. Fathiazad F, Hamedeyazdan S, Khosropanah MK, Khaki A. Hypoglycemic activity of *Fumaria parviflora* in streptozotocin-induced diabetic rats. *Advanced pharmaceutical bulletin*. 2013;3(1):207.
47. Hajhosseini L, Khaki A, Merat E, Ainehchi N. Effect of rosmarinic acid on sertoli cells apoptosis and serum antioxidant levels in rats after exposure to electromagnetic fields. *African Journal of Traditional, Complementary and Alternative Medicines*. 2013;10(6):477-80.
48. Khaki A, Fathiazad F, Nouri M. Effects of watermelon seed extract (*Citrullus vulgaris*) on spermatogenesis in rat. 2013.
49. Rastegar H, Ashtiani HA, Anjarani S, Bokae S, Khaki A, Javadi L. The role of milk thistle extract in breast carcinoma cell line (MCF-7) apoptosis with doxorubicin. *Acta Medica Iranica*. 2013:591-8.
50. Tavukcuoglu S, Tahani A-A, Safaa A-H, Khaki AA, Khaki A, Tasdemir S. Using fresh and frozen testicular sperm samples in couples undergoing ICSI-MicroTESE treatment. *Journal of reproduction & infertility*. 2013;14(2):79.
51. Garedaghi Y, Khaki A. Evaluation of the Effectiveness of Ethanolic Extract of *Solanum Surattense* against *Plasmodium Berghei* in Comparison with Chloroquine in Sourian Mice Using in Vivo Tests. *Crescent Journal of Medical and Biological Sciences*. 2014;1(3):76-9.
52. Hajhosieni L, Rostami FF, Khaki A. Bioflavonoids Effects of Ginger on Glomerular Podocyte Apoptosis in Streptozotocin-Induced Diabetic Rat. *Crescent Journal of Medical and Biological Sciences*. 2014;1(2):42-5.
53. HOSSEINI AN, Khaki A, Akbari G, GHAFFARI NM. The effect of busulfan on body weight, testis weight and MDA enzymes in male rats. 2014.
54. Khaki A, Khaki AA, Hajhosseini L, Golzar FS, Ainehchi N. The anti-oxidant effects of ginger and cinnamon on spermatogenesis dys-function of diabetes rats. *African Journal of Traditional, Complementary and Alternative Medicines*. 2014;11(4):1-8.
55. Ouladsahebmadarek E, Khaki A, Khanahmadi S, Ashtiani HA, Paknejad P, Ayubi MR. Hormonal and metabolic effects of polyunsaturated fatty acid (omega-3) on polycystic ovary syndrome induced rats under diet. *Iranian journal of basic medical sciences*. 2014;17(2):123.
56. Rasooli S, Moslemi F, Khaki A. Effect of sub hypnotic doses of propofol and midazolam for nausea and vomiting during spinal anesthesia for cesarean section. *Anesthesiology and pain medicine*. 2014;4(4).
57. Hoseinpouran M, Khaki A, Nazem H. Assessment of antioxidant properties of *Allium cepa* on serum antioxidants and spermatogenesis after consuming tartrazine in rat. 2015.
58. Khaki A. Effect of *Cinnamomum zeylanicum* on Spermatogenesis. *Iranian Red Crescent Medical Journal*. 2015;17(2).
59. Khaki A, Bayatmakoo Z. Ebola virus disease (EVD) and women's health care in pregnancy. *International Journal of Women's Health and Reproduction Sciences*. 2015;3(1):1.
60. Samani S, Saffari M, Charkhchian M, Khaki A. Incidence and risk factors of bloodstream catheter-related infections in hemodialysis patients. *Comparative Clinical Pathology*. 2015;24(2):275-9.
61. Samani S, Saffari M, Merat E, Khaki A. Bloodstream infection among patients on hemodialysis by arteriovenous fistula and graft. *Comparative Clinical Pathology*. 2015;24(2):291-4.
62. Spencer B, Khaki A. *Whose Breasts Are They Anyway? : ARAS PART MEDICAL INT PRESS NO 1, S SHAREATI ST, 5138815941, TABRIZ, 00000, IRAN; 2015.*

63. Khaki AA, Khaki A, Ahmadi SS. The effect of Non-ionizing electromagnetic field with a frequency of 50 Hz in Rat ovary: A transmission electron microscopy study. *International Journal of Reproductive BioMedicine*. 2016;14(2):125.
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101- Seyedeh-Roza Tafrishi Nejad , Arash Khaki , Shamci Abbasalizadeh , Majid Shokoohi , Nava Ainehchi .Protective Effect of Hydroalcoholic Extract of Orange Peel on PCNA and FSH-R Gene Expression in Histological Damage and Oxidative Stress Due to Ovarian Torsion in Adult Rats. *JWHR* 2021; 9: 205-211. DOI: 10.15296/ijwhr.2021.38

102-Bita Barghi , Majid Shokoohi , Amir Afshin Khaki , Arash Khaki , Maryam Moghimian , Malihe Soltani. Eugenol improves tissue damage and oxidative stress in adult female rats after ovarian torsion/detorsion

Inventions:

- ✓ **Moisturizer, Anti inflammation, Anti-bacterial and Healer, Daily Protective Blend.** Records in February 2010 in Iranian National Inventions Organization.
- ✓ **Anti-Fungal, Anti-bacterial, Anti U.V., Anti Inflammation and Healer Daily Protective Blend suitable for rough condition.** Records in February 2010 in Iranian National Inventions Organization.
- ✓ **Herbal Tonic Fertile Supplement (ZO2C5).** Records in February 2012 in Iranian National Inventions Organization. **and approved by NIH, IRCT, FDA.**

Members of Society:

- ✓ Members in European Society of Veterinary Pathology (ESVP), since January 2004.
- ✓ Members in American Society of Andrology (ASA) since May 2004.
- ✓ Members in Iranian young researchers club since February 2005.
- ✓ Members in International Society of Gynecology, Endocrinology (ISGE) since March 2010.
- ✓ Member of the World Association of Medical Editors (WAME) since May 2015.
- ✓ Member of European Association of Science Editors (EASE) since August 2016.
- ✓ Member of Asian Council of Science Editors (ACSE) since July 2015.

Editor in Chief and Founder of:

- 1- International Journal of Women's Health and Reproduction Sciences (E-ISSN: 2330-4456) (www.ijwhr.net) index in ISI and Scopus
- 2- Crescent Journal of Medical and Biological Sciences (E- ISSN: 2148-9696) (www.cjmb.org) index in CAS

Editorial board in:

- ✓ African journal of Pharmacy & Pharmacology, since January 2010.
- ✓ Journal of Clinical Medicine and Research, since January 2010.
- ✓ International Journal of Medical Science and Discovery (MSD) – Turkey
- ✓ Natural Science and Discovery (NSD) - Turkey

✓ Pakistan Journal of Biological Sciences

Reviewer board in:

More than 30 scientific journals, since 2005.

Reviewer board in:

Iranian Razi Medical festival, that organized by Iranian ministry of health and medical education.

Supervisor for Trying of MD, DVM, DDS, PhD students:

More than 100 students were defended their Thesis under Dr.Khaki supervisor since 2002 till now.

Awards:

- 1) Selected for Young Researches in 2006 in north western of Iran Universities.
- 2) Selected for Young Researches in 2007 in north western of Iran Universities
- 3) Selected for Young Assist Professor in 2007 in north western of Iran Universities
- 4) Selected for intelligent Talent in 2009 in Iranian Young Researches club.
- 5) Selected for give Travel awards to attend in 34 international conferences in American society of Andrology on behalf of American society of Andrology in 2009.Pensilvania-USA, April 2009.
- 6) Selected for Young Researches in Iran Universities-May 2009.
- 7) Selected for Young Researches best papers in 14 world infertility conference, Italy, March 2010.
- 8) Selected for give Travel awards to attend in 35 international conferences in American society of Andrology on behalf of World health organization (WHO) in 2010.HOUSTON-USA, April 2010.
- 9) Selected for Prize & AETOX-EUROTOX FELLOWSHIP WINNERS, 12th international meeting of Toxicology Barcelona-Spain. July 2010, Barcelona-Spain
- 10) Selected for give Travel awards to attend in 36 international conferences in American society of Andrology on behalf of National institute of health (NIH) in 2011.monterreal-Canada, April 2011.
- 11) Selected for best researcher by first national committee of science and research farhikhtegan Festival, Tehran-Iran ,2011.
- 12) Selected for best researcher by Islamic Azad University committee of science and research Festival, Tabriz -Iran, Dec 2015.

****Arash Khaki as one of the world's most-cited researchers. Looking at several indicators, this study analyzed data from 1996 through 2019, covering ~7 million scientists in 22 major fields. Arash Khaki ranked in Stanford study of the world's top 2% of scientists in Dec 2020.*****88

Inventions:

Product of 10 new drugs .
Chief of scientific company: Pharmaceutical International Company
www.pmcpharma.org

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