



Dr. Jafar soleimani Rad

Personal Information

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Education

- BSc in Biology from Faculty of Sciences, University of Tabriz, Iran (1972).

- MSc and PhD. In Anatomy (Histology & Embryology) from Medical School, University of Ottawa, Canada (1989).

Professional employment

Assistant professor of Histology & Embryology, Faculty of Medical Sciences University of Tabriz – Iran , since 1989.

Associate professor of Histology& Embryology, Faculty of Medicine, Medical Sciences University of Tabriz, Tabriz- Iran, Since 1994.

Professor of Histology and Embryology, Faculty of Medical Science's University of Tabriz, Tabriz- Iran since 2001.

Experiences:

1- Teaching activates

- Histology for Medical and dentistry students since 1990
- Embryology for Medical students since 1990
- Oral Histology and Embryology for dentistry students since 1990
- Advanced Histology and Embryology for graduate students
- Cell Biology for graduate students
- Histological techniques for graduate students

Publications

A – Books:

1- A Text Book of Embryology for Medical students (in persian). 1st ed 1993. 2nd ed 1996, 3rd ed 2001, 4th ed 2006. 5th ed 2012,

2- A text Book of Histology for Medical students (in persian). 1 st ed 1997. 2nd ed 2001, 3rd ed 2004, 4th ed, 2006, 5th ed, 2008. 6th ed 2012,

B – Papers in English:

-Narbaitz R. and **J Soleimani Rad**. Hypervitaminosis D – induced bone changes in the chick embryo. Anat Rec, 211: 135A, 1985.

2-NarbaitzR. and **J soleimani Rad** . The role of Ultimobranchial bodies in the modulation of the chick embryonic response to 1,25(OH) 2 D3. J. Embryol & EXP Morphol. 97:87-95,1986. PMID: 3794605 [PubMed - indexed for MEDLINE

3-**Soleimani Rad** and Narbaiz R. Role of Calcitriol in phosphate regulation by the chick embryo. *Calcif Tissue Int*, 44:278-285,1989. PMID: 2545319 [PubMed - indexed for MEDLINE]

4 - **Soleimani Rad J**. Ultrastructural characteristics of differentiating intercalated cells in embryonic chick kidney. Proc. 12th European congress on EM. Vol 1 (Biological Sciences), B35- B36, 2000.

5 - Torabi Oskoi G, **Soleimani Rad J**. Ultrastructural characteristics of calcitriol-induced nephrocalcinosis in the chick embryo. Proc. 12th European Congress on EM. Vol IV, (supplement),S43 – S44, 2000.

6 - **Soleimani Rad J**, Rowshangar L, Karimi K. The Effect of Electromagnetic Field on Fallopian Tube. IFFS 2001 Selected Free Communications, Monduzzi Editore, International Proceedings Division, Melbourne (Australia), November 25-30, 2001.

7 – **Soleimani Rad J**. Pattern of mineralization in calcitriol induced unmineralized trabeculae. Proceedings 15th International Congress on Electron Microscopy, ICEM – 15 Durban 2002, 705-706.

8- Khaki AA, Tubbs RS, Shoja MM, **Rad JS**, Khaki A. The effect of an electromagnetic field on the boundary tissue of the seminiferous tubules of the rat: a light and transmission electron microscope study. *Folia Morphol*. 65 (3): 105-110, 2006. PMID: 16988914 [PubMed - indexed for MEDLINE]

9- Mostofi Zadeh Farahani R, Sadr K, **Soleimani Rad J**, Msgari M. Fluoxetine enhances cutaneous wound healing in chronically stressed wistar rats. *Advances in Skin and Wound care*, Vol 20 (3): 157- 165, 2007. PMID: 17473722 [PubMed - indexed for MEDLINE]

10- Ghaffari NM, **Soleimani Rad J**. Morphometric study of GnRH analogue/ HMG / HCG effects on ultra structure of human endometrial epithelium in early and mid luteal phase. *Journal of Obstetrics & Gynecology Research*. 33 (5): 681-687, 2007. PMID: 17845330 [PubMed - indexed for MEDLINE]

12- Roushangar L, **Soleimani Rad J**. Ultrastructural alterations and occurrence of apoptosis in developing follicles exposed to low frequency electromagnetic field in rat ovary. *Pakistan Jour Biol Sci.*, 10 (24): 4413-4419, 2007. PMID: 19093504 [PubMed - indexed for MEDLINE]

13- Peirouvi T, Farjah G, **Soleimani Rad J**, Ghaffari Novin M. Vitrification induced apoptosis in spermatozoa from fertile and subfertile men. *Iranian Journal of Reproductive Medicine*, 5 (3): 117-120, 2007.

14- Valilou M R, Sohrabi H I, Mohammadnejad D, **Soleimani R J**. Histopathological and ultrastructural lesions study of kidney of Alloxan induced diabetease mellitus in german shepherded's dog. *Journal of Animal and Veterinary Advances*, 6(8): 1012-1016, 2007.

15- Asgharzadeh M, Hosseinpour Faizi MA, **Soleimani Rad J**, Ebrahimzadeh ME, Gazanchaei A, Samadi Kafili H. Graft-versus-Host Disease in BALB/c mice after injection of human peripheral blood leukocytes. *International Journal of Molecular Medicine and Advance Sciences*. 3(4): 166-168, 2007.

16- Tajik P, Beheshti R, **Soleimani Rad J**, Ghasemzadeh H, Mohamadi Roshandeh A. Effects of different concentrations of bovine follicular fluid and estrous cow serum on development of murine 2-cell embryos. . *Pakistan Jour Biol Sci.*, 11(4): 628-632, January 2008. PMID: 18817138 [PubMed - indexed for MEDLINE]

17- Ghaffar Shokouhi, R. Shane Tubbs, M. M. Shoja, L. Roshangar, M. Mesgari, A. Ghorbanihaghjo, N Ahmadi, F. Sheikhzadeh, **Jafar S. Rad**:_ The effects of aerobic exercise training on the age-related lipid peroxidation, Schowann cell apoptosis and ultrastructural changes in the sciatic nerve of rats. *Life Sciences*. 82 : 840-846, 2008. PMID: 18336840 [PubMed - indexed for MEDLINE]

18- Nejad D. M., **Rad J. S***, Roshangar L., Karimpour M., Ghanbari AA., Azami A., and Valilu M.R. A study on the effect of Thiotepa on mice spermatogenesis using light and electronic microscope. *Pakistan Journal of Biological Sciences*, 11 (15): 1929-1934, 2008. PMID: 18983035 [PubMed - indexed for MEDLINE]

19- Naderpour M, **Rad JS**, Ayat E, Mesgari M, Farahani RM, Roshangar L, Tubbs RS, Shoja MM. [Dietary L-arginine and cutaneous wound healing](#). Ital J Anat Embryol. 2008 Jul-Sep;113(3):135-42. PMID: 19205585 [PubMed - indexed for MEDLINE]

20- Sohrabi M., Kalati F. A., Vatansever S., Abbasi M. M., Roshangar L., Khaki A. A., Tuglu I. M., Aydemir I., Javadzadeh Y., and **Soleimani Rad J***. Effect of Dietary and Topical Celecoxib on Expression of bcl-2, bax, c-erb-B2 and Ki67 in carcinogen-induced tongue Carcinoma in Rat. Pakistan Journal of Biological Sciences, 2009, 12(10): 750 - 757.

21- Sohrabi M., Roshangar L., Mesgari A., **Soleimani Rad J***, Nitroquinoline-1-oxide-Induced Lingual Epithelium Alternations In Rat. Journal of Pakistan Medical Association. 2009, 59 (11): 769-74.

22- Roshangar L., **Soleimani Rad J***, Nikpoo P., Sayyah Melli M. Effect of oxytocin injection on folliculogenesis, ovulation and endometrium in mice. Iranian Journal of Reproductive Medicine. 2009, 7(2): 91-95.

23- Mohammadi Roushandeh A., Halabian R., Mozaffari P., **Soleimani Rad J.**, Sadeghzadeh Oshouei B., Samadi Kuchaksaraei A., Habibi Roudkenar M. Down-Regulation of Lipocalin 2 Expression in Mouse Testis after Exposure to Electromagnetic Field. Iran J Med Sci, 2009, 34 (4): 265-270.

24- Roshangar L., **Soleimani Rad J.**, Afsordeh K. Maternal tamoxifen treatment alters oocyte differentiation in the neonatal mice: Inhibition of oocyte development and decreased folliculogenesis. J. Obstet. Gynecol. Res. 2010, 36, 2: 224-231.

25- Roushandeh A M, Halabian R, **Soleimani Rad J**, Sadeghzadeh Oskouei B, Mehdipour A, Nourani M R, and Habibi Roudkenar M. High Frequency Electromagnetic Field Induces Lipocalin 2 Expression in Mouse Liver. Iranian Journal of Basic Medical Sciences. 2010, 13(3): 139-145.

26- Mohammadnejad D, **Soleimani Rad J***, Azami A, Khojasteh B, Rajaei F, Tayefei nasrabadi H, Hemati A, Valilou M, Lotfi A. Protective effect of vitamin E supplementation in electromagnetic field induced damages in spleen: An ultrastructural and light microscopic studies. Global Veterinari. 2010, 4 (4): 416-421.

- 27- Afshin S, Mohammadi M, **Soleimani J**, Rashidi B, Mohhaddes G. Preventive effect of exercise on lipid peroxidation and histopathological changes in isoproterenol-induced myocardial infarction in male rats. *Pharmaceutical Sciences*, 2010, 16 (2): 67-72.
- 28- Safa J, Argani H, Bastani B, Nezami N, Rahimi Ardabili B, Gorbanihaghjo A, Kalagheichi H, Amirfirouzi A, Mesgari M, **Soleimani Rad J**. Protective effect of grape seed extract on gentamicine induced acute kidney injury. *Iranian Journal of Kidney Disease*. 2010, 4 (4): 285 – 291.
- 29- Mohammadnejad D, **Soleimani Rad J***, Azami A, and Lotfi A. Role of vitamin E in prevention of damages in the thymus induced by EMF: ultrastructural and light microscopic studies. *Bull Vet Inst Pulawy*. 2011, 55: 111-115.
- 30- Sayyah-Melli M, Kazemi-Shishvan M, **Soleimani-Rad J**, Rashidi MR, Roshangar L, Rashtchizadeh N, Ouladesahebmadarek E, Ghojazadeh M and Mashrabi O. The Ovario-protective effect of erythropoietin against oxidative damage associated with reperfusion following ovarian torsion in rat. *American Journal of Animal and Veterinary Sciences*, 2011, 6(1): 18-24.
- 31- Dianat V, Farhoodi M, **Soleimani Rad J**, Roshangar L. Study the effect of vitrification on connection between cumulus cells and oocytes and its relationship with oocyt's growth in mice. *Annals of Biological Research*, 2011, 2(4):174-179.
- 32- Habibi RM, Mohammadi RA, Delazar A, Halabian R, Soleimani R J, Mehdipour A, Bagheri M, Jahanian Na. Effect of polygonum aviculare herbal extract on proliferation and apoptotic gene expression of MCF-7. *Daru*, 2011, 19(5): 326-331. (pubmed).
- 33- Hamdi AB, Roshangr L, Khaki AA, **Soleimani Rad J***. Histologicalstudy of testes and sperm parameters in adult mice exposed to 50 Hz electromagnetic field during development. *Annals of Biological Research*, 2011, 2(5):455-462.

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- 35- Montaseri A, Busch F, Mobasheri A, Buhrmann C, Aldinger C, **Soleimani Rad J**, Shakibaei M. IGF-1 and PDGF-bb Suppress IL-1 β -Induced Cartilage Degradation through Down-Regulation of NF-kB Signaling: Involvement of Src/PI-3K/AKT Pathway. *PLoS One*, 2011,6,12: 1-15. (ISI, IF=4)
- 36-Roshangar L, Sabetkam S, Alihemmati A, Abedelahi A, Shahsar L, **Soleimani Rad J**. Impact of BSO-induced oxidative stress on oocyte fertilization: An in-vitro study. *Annals of Biological Research*, 2012, 3(1): 49-56. (correspond)
- 37- Montaseri A, Roshangar L, **Soleimani Rad J**, Shafaei H, Shakibaei M, Jarolmasjed S, Navali A M. Formation of repaired hyaline cartilage using PDGF-treated chondrocyte/PCL construct in rabbit knee articular cartilage defect. *Annals of Biological Research*, 2012, 3(4): 1975-1984.
- 38- Shafaei H, Esmaeili A, **Soleimani Rad J**, Delazar A, Behjati M. *Citrullus colocynthis* as a medicinal or poisonous plant: A revised fact. *Journal of Medicinal Plants Research*, 2012, 6(35): 4922-4927. (ISI, IF=.7)
- 39- Rashidi B, **Soleimani Rad J**, Roshangar L, Alizadeh Miran R. Evaluation of pinopods Expression on the Mouse endometrium immediately before implantation by treatment with hMG/HCG and Sildenafil Citrate administration. *Iranian Journal of Basic Medical Sciences*. 2012, 15(5): 1091-1096. (ISI, IF=.36).
- 40- Roshangar L, Abdollahifard S, Majdi A, Zarrintan A, Ghasemzadeh A, Farzadi L, Soleimani Rad S, and **Soleimani Rad J**. Study of ultrastructure and apoptosis in the endometrium of women with or without endometriosis. *IJRM*. 2013, 11(5): 399-404. (ISI, IF<1).
- 41- Khademi F, Danesh B, Delazar A, Mohammadnejad D, Ghorbani M, **Soleimani Rad J**. Effect of Quince leaf extract on biochemical markers and coronary histopathological changes in rabbit. *Arya Atheroscler*. 2013, 9 (4): 223-231.

42- Soleimani Rad S, Abbasalizadeh S, Amir Ghorbani Haghjo, Sadagheyani M, Montaseri A, **Soleimani Rad J**. Serum levels of melatonin and oxidative stress markers and correlation between them in infertile men. *J of Caring Sciences*. 2013, 2(4): 287-294.

43- Roshangar L, B. A. Hamdi1, A. A. Khaki1, **J Soleimani Rad**, S. Soleimani-Rad. Effect of low-frequency electromagnetic field exposure on oocyte differentiation and follicular development. *Advanced Biomedical Research*. 2013, 2(3): 1-7.

44- Majdi A1; Niknafs B1; Tayefi H1; Roshangar L1; Abedelahi A1; Sayyhmelli M2; Soleimani Rad J1*. Estrogen promotes GDF9 and BMP15 gene expressions in cultured ovarian surface epithelial (OSE) stem cell in women over 35 years. *Jokull Journal*. 2013, 65(12): 159-175.

45- Majdi A1; Niknafs B1*; Soleimani Rad J1; Tayefi H1; Abedelahi A1; Roshangar L1; Sayyhmelli M2. Differentiation of Human Ovarian Surface Epithelial (OSE) Stem Cells into Primary Follicles. *Jokull Journal*. 2014, 65(12): 133-149.

46- Sajjadian F, Soleimani Rad J, Roshangar L, Alireza Hemmati, Nouri M, Soleimani Rad S. The effect of BSO-induced oxidative stress on ultrastructure of testis and sperm fertility in mice. *Jokull Journal*. 2014, 65(12): 55-99.

C – Papers in Persian:

1-**Soleimani Rad J**. Differentiation of intercalated cells in the embryonic chick kidney . *Med j University of Tabriz*, 28: 21, 1994.

2-Torabi G, Khosroshahi H, **Soleimani Rad J** Serati M. Studying the origin of placental septa. *Med J University of Tabriz*. 30: 31, 1996.

3-**Soleimani Rad,J** and Fattahi M R. Studying the effect of electromagnetic field on embryonic growth. *Med J University of Tabriz*. 31: 35,1997.

4-**Soleimani Rad J**, Talghini S, Basiri M . Diagnostic value of nucleolar organizer region in differentiating melanoma from other proliferative lesions of melanocytes. Med J University of Tabriz. 31: 35, 1997.

5-**Soleimani Rad J** and Katebi M. Studying the effect of electromagnetic field on spermatogenesis. Med J University of Tabriz. 31: 36, 1997.

6-Asgharzadeh M, Rafi-Zadeh B, Hoseinpour Feizy M, **Soleimani Rad J**. Mouse with human immune system . J. Basic Med Sci Medical Sciences University of Tabriz. 1 (1): 19-28,1998.

7- **Soleimani Rad J**, Talghini S, Basiry M. Diagnostic value of nucleolar organizer region in prostatic tumoral lesions. Res J University of Medical Sci Tabriz 1(1): 50-58, 1999.

8- **Soleimani Rad J**, Abdollahifard S, Talghini S, Bazy P. Diagnostic value of intermediate trophoblastic cells in pregnancy. Med Jour of Tabriz University of Medical Sciences. Vol 34 (46) : 25 – 30, 2000.

9-Asadi M, **Soleimani Rad J**, Kazemi A, Tabrizchi H. Histopathologic findings in rats after consumption of foods contaminated with Aspergillus Fomigatus and Aspergillus Flavous. J of Medical Sciences University of Babol-Iran, 3 (2): 32-37, 2001.

10- Mohammadi Naghadeh M, **Soleimani Rad J**. Investigation on Innervation of Sympathetic Nerve In Different Arteries and Veins of Rabbit. Med Jour of Tabriz University of Medical Sciences. Vol 35 (51): 73 – 77. 2001

11- Peirovi T, **Soleimani Rad J**. Effect of Long Term Addiction with Morphine on Fetal Rat Development. Med Jour of Tabriz University of Medical Sciences. Vol 35 (52): 21 – 25, 2002.

12- Mehraein F, Ghaffari M, **Soleimani Rad J**, Heydari MH, Sarani SA, Farzadi M, Ghasemzadeh A, Nouri M. Morphometric study of GnRH analogue, hMG and hCG effects on ultrastructure of glandular epithelium of human endometrium in early luteal phase. Medical J Reproduction and Infertility, Tehran-Iran. 3(9): 4-12, 2002.

- 13- **Soleimani Rad J**, Rowshangar L, Karimi K, The effect of Electromagnetic Field on Folliculogenesis in ovary. J of Iranian Anatomical Sciences, vol. 1 (1): 47-51, 2003.
- 14- Rajaei F, **Soleimani Rad J**, Niknafs B, Ghaffari M: The effect of vitrification on apoptosis in mouse blastocyst. Quarterly Journal of Fertility and sterility, vol 5 winter(!): 14 – 22, Tehran, Iran, 2004.
- 15- Bazy P, Ghaffari Novin M, **Soleimani Rad J**, Sarani Sh A, Farzadi L, Ghasemzadeh A, Tahmasebi R. Morphological study of the effect of ovulation induction drugs in long protocol on ultrastructure of human endometrial epithelium during the implantation window. Medical Journal of Reproduction & Infertility, Vol.5 (2): 105 – 114, 2004.
- 16- Taghipour Z, **Soleimani Rad J**, Rahimipour A. Study of the effect of hypothermi on histology and biochemistry of the liver in rat. Journal of the Medical Sciences University of shahid Sadooghi of Yazd. Vol. 12 (2): 48-52,2004.
- 17- Roshangar L, **Soleimani Rad J**. Electron microscopic study of folliculogenesis after electromagnetic field exposure. Journal of Roproduction & Infertility, Vol. 5(4): 299-307,2005.
- 18- Peyrovi T, Karimipour M, **Soleimani Rad J**, Ghaffari M. The effect of Vitrification on apoptosis in the sperm from fertile and nonfertile men. Medical Journal of Uromei, 16(4):205-211,2006.
- 19- Khaki AA, **Soleimani Rad J**, Argani H, Shoja MM, Zarrintan S, Khaki A, Tanomand A. Studying the possible effects of EMF on fertility in men. Medical Journal of TUMS , 28(1):41-47,2006.
- 20- Ghasemi MF, **Soleimani Rad J**, Ghanbari AA. Morphologic and morfometric study of adult mice testes following busulfan treatment. Journal of Reproduction & Infertility, 7(1):25-36,2006.
- 21- **Soleimani Rad J**, Allahvaisie O, khaki AA: Electromagnetic Field effects on Rat's cerebellar Ultrastructure. Scientific Journal of Kurdistan University of Medical Sciences. Vol. 11(3): 1-9, 2006.

- 22- **Soleimani Rad J**, Roushangar L, Shirzadi P: The effect of electromagnetic fields on the ultrastructure of semen producing organs. *The Journal of Urmia University of Medical Sciences*. Vol 18 (2): 504-510, 2007.
- 23- Mohammad Ghasemi F, **Soleimani Rad J**, Ghanbari AA, Tabatabaei NP. The effect of leuprelide acetate on ultrastructure of germ cells in adult male rats. *Journal of Reproduction & Infertility*, 111-121, 2007.
- 24- Rashidi B., Roshangar L., **Soleimani Rad J.**, Khaki AA., Mohammadnejad D., Azami I. Comparison of morphology and morphometry of preimplantation mouse uterine endometrium in natural cycle with those received superovulatory drugs, progesterone and sildenafil citrate (Viagra). *Pharmaceutical Sciences Journal of Faculty of Pharmacy, Tabriz-Iran*. Vol 3, 33-39, 2008.
- 25- Ay J, **Soleimani Rad J.**, Study of histopathologic effect of 120 Gauss electromagnetic field on spermatogenesis and protective effect of epinephrine in rat. *Scientific Medical Journal Ahvaz Medical Sciences University*. 7 (2): 196-204, 2008.
- 26- Naghibi M., Sadeghi Y., Ghanbari AA., **Soleimani Rad J.**, Mohammadnejad D. The effect of low frequency magnetic field on morphology of spermatogonia in mouse. *Scientific Medical Journal Ahvaz Medical Sciences University*. 7(3): 421-427, 2008.
- 27- Roshangar L., **Soleimani Rad J.** The effect of electromagnetic field on ultrastructure and occurrence of apoptosis in epithelium of uterine tube with or without the effect of HCG. *Med Jour of Tabriz University of Medical Sciences*. Vol 30 (30): 47-53, 2008.
- 28- Nasirzadeh M R, Babapour V, Ahmadiasl N, Nazemiyeh H, **Soleimani Rad J.** Effect of Soyabean methanol extract on learning and spatial memory in ovariectomized female rats. *Med Jour of Tabriz University of Medical Sciences*. Vol 31 (1): 75-78, 2009.
- 29- Mohammad Ghasemi F, Bahadori M H, Faghani M, Nasiri E, **Soleimani Rad J.** Buserelin inhibits Apoptosis in Male germ cells induced by Busulfan in Mouse testis. *Journal of Iranian Anatomical Sciences*. Vol 7, 45-54, 2009.

- 30- Afshin S, Mohammadi M, **Soleimani J**, Rashidi B, Mohhaddes G. Preventive effect of exercise on lipid peroxidation and histopathological changes in isoproterenol-induced myocardial infarction in male rats. *Pharmaceutical Sciences*, vol. 16,2: 67-72, 2010.
- 31- Rashidi B, **Soleimani Rad J**. Role of apoptosis in separation of eyelid in newborn rat with method of hematoxylin and eosin. *Journal of Isfahan Medical Sciences*. Vol. 29,132: 1-15, 2011.
- 32- Khaki AA, Sedghipour MR, Eftekhari Milani AB, Roshangar L, **Soleimani Rad J**, Mohammadnejad D. Study of ultrastructural and morphometric effects of electromagnetic fields (EMF) on retina of rat. *Medical journal of Tabriz University of Medical Sciences*. Vol. 33, 1: 18-24, 2011.
- 33- Hassanpour S, Roshangar L, **Soleimani Rad J**. Fertilization capacity of ovum in mice exposed to tamoxifen during embryonic development. *Pharmaceutical Sciences*, vol. 17,1: 43-48. 2011.
- 34- Ebrahimi-Kalan A, **Soleimani Rad J**^{*}, Roshangar L, Khaki AA, Mohammadnejad D. Effect of ginsenoside as a phytoestrogen on busulfan-induced disorder in semen parameters. *Pharmaceutical Sciences*, vol. 17,1: 27-34. 2011.
- 35- Asadpour S, **Soleimani Rad J**, Khaki AA, Roshangar L. The Effect of oxidative stress produced by buthionin sulfoximine induced reduction of glutathione on development of testis and semen parameters in mice. *Med Jour of Tabriz University of Medical Sciences*. Vol 33 (4): 7-12, 2011. (corresponding author)
- 36- Maleki N, Roshangar L, Khaki AA, **Soleimani Rad J**. Effect of estrogen on spermatogenic disorders induced by cyclophosphamide in mice. *Pharmaceutical Sciences*, vol. 17(4): 243-252. 2012.(corresponding author)
- 37- Sadeghzadeh Oskouei B, Ghanbari AA, Roshangar L, Khaki AA, **Soleimani Rad J**. The effect of amlodipine administration and in vitro addition of pentoxifyllin on sperm parameters in mice. *Med Jour of Tabriz University of Medical Sciences*. Vol 33 (6): 62-67, 2012. (corresponding author)
- 38- Ferdosi K A, Bakhtiary M, **Soleimani Rad J**, Koroji M, Roshangar L, Janzadeh A, Kerdari M, Jameei B. Study of the effect of exogenous melatonin on sperm fertility in busulfan induced oligospermia in pinealectomized rat. *RJMS.20* (110): 77-86, 2013.

39- Ferdosi K A, **Soleimani Rad J**, Jameei B, Bakhtiary M, , Koroji M, Roshangar L, Joghataei M T. study of the effect of exogenous melatonin on spermatogenesis in pinealectomized rat in a oligospermic model induced by busulfan. Journal of Medical Sciences University of Kermanshah.16 (6):435-444, 2013.

Papers presented in Conferences (Abstracts):

1-Soleimani Rad J, Narbaitz R. Bone mineralization rate in chick embryo injected with calcitriol. CFBS (Canada) 30th Ann meeting ,1987.

2- Soleimani Rad J, Narbaitz R. Mechanisms involved in calcitriol – induced hypophosphatemia in chick embryo. CFBS (Canada) 31th ANN meeting,1988.

3- Soleimani Rad J. Calcitriol and renal tubule calcification. International Congress of Urology , 1990(Iran).

4- Narbaitz R, Role of proton secretion in maintenance of the acid- base status in the chick embryo. CFBS(Canada)34th annual meeting, 1991.

5- Soleimani Rad J. Investigating the duration of inhibitory effect of calcitriol on bone mineralization during developmental period. 2nd congress of toxicology, Tabriz, Iran, 1991.

6- Soleimani Rad J. The role of intercalated cells on renal handling acid- base status. 11 th Congress of physiology and pharmacology, Iran, 1993.

7- Asgarzadeh A, Rafizadeh B, Hoseinpourfeizi M, - Soleimani Rad J, Golipour K. The effect of thymectomy and 8Gy gama ray on balb/c Mice. Congress of Medical physics, 1993(Iran).

8- Soleimani Rad J , Peirouvi T. the effect of Morphin addiction on embryonic rat development. Congress of obstetrics and Gynecology,1994(Iran).

- 9- Bazy P, Soleimani Rad J, Abdollahi Fard S, talghini S. Intermediate trophoblastic cells as a criteria for determination of intra- uterine prgnancy. Congress of Obstetrics and Gynecology, 1994(Iran).
- 10- Nilfrooshan N, - Soleimani Rad J, Sakhinia M. The study of prevalance of Downs syndrome in Tabriz. 3rd congress of Biochemistry and Laboratory Sciences, Iran, 1995.
- 11- Soleimani Rad J , Katebi M, Dibazar F, The advers effect of electromagnetic field on spermatogenesis. 12th congress of physiology and pharmacology , Iran, 1995.
- 12- Soleimani Rad J, Fathi AM, Orian S. The effect of long- term injection of Morphin on spermatogenesis. Infertility congress, 1997(Iran).
- 13- Torabi Oskoi G, Khosroshahi H, Soleimani Rad J,Noori M. Incorporation of trophoblastic cells in the formation of placental septum. 3rd congressof Anatomical Sciences, Iran, 1996.
- 14- Soleimani M, Soleimani Rad J, The effect of electromagnetic field on fetal rat growth. 3 rd congress of Anatomical Sciences, Iran, 1996.
- 15- Soleimani Rad J. Pattern of initiation of remineralization after mineralization inhibition. 3 rd congress of Anatomical Sciences, Iran, 1996.
- 16- Basiri M, Soleimani Rad J, Nnucleolar organizer regions as a criterion in diagnosis of prostatic lesions. 3 rd congress of Anatomical Sciences, Iran, 1996.
- 17- Soleimani M, Katebi M, Soleimani Rad J. The effect of electromanetic field on heart development. 13 th congress of physiology and pharmacology, Iran , 1997.

18- Torabi Oskoi G, Irankhah S, Soleimani Rad J. Possible mechanism of stimulation of immune system by levamisole. 4 th congress of Anatomical Sciences, Iran, 1999.

19- Mohammadnejad D, Soleimani Rad J, Inhibitory effect of vitamine E on histological changes produced by electromagnetic fields. 4 th congress of Anatomical Sciences, Iran , 1999.

20- Soleimani Rad J, Katebi M. Environmental – induced spermatogenesis disorders, 6 th Annual meeting of Middle East Fertility Society (MEFS), Egypt, 1999. MEFS journal, vol .

21- Rahimipour A, Rahbani M, Soleimani Rad J. Studying the effect of Vitamine E on lipids and lipoproteins of blood serum. 5 th Congress of Biochemistry, Iran, 1999.

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23- Soleimani Rad J, Rowshangar L ., Karimi K . The effect of electromagnetic field in endometrium. 17 th Annual Meeting Lausanne, 2001. Human Reproduction, Vol 16, abstract book 1.P-190.

24- Soleimani Rad J, Rowshangar L, Karimi K. The effect of electromagnetic field on fallopian tube. 17th world congress on fertility and sterility (IFFS 2001), 25-30 Nov, Melbourn, Australia, 2001.

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Research Projects

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3 – The effect of cryopreservation on apoptosis and qualitative parameters of human sperm. 2002.

4- studying the effect of electromagnetic field on ultrastructure and induction of apoptosis in female reproductive system.2003.

5- The effect of electromagnetic field on CNS and Cardiovascular systems 2003.

6- Evaluation of in vivo differentiation of inner cell mass of blastocyst after

Transplantation in mice testis following spermatogenesis inhibition. 2004.

7- Study of the ultrastructural changes and incidence of apoptosis in rat testis following Busulfan treatment and GnRH analogue. 2004.

8- 20, about reproduction biology

Thesis supervised:

- 25 MSc Thesis
- 10 PhD thesis
- 4 Medical and pharmacology students
- 3 Veterinary Medicine students

Current Research interest

- **Reproductive Biology; using light and electron microscopy, apoptosis detection, IVF, IVM & embryo culture**

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