

Curriculum Vitae

Personal Data:

First name: Seyed Fakhroddin

Surname: Mesbah Ardekani

Gender: Male

DOB: 24, Jun, 1952

Nationality: I. R. IRAN

Place of birth: Ardekan, Fars, IRAN

Residency: Iran

Marital Status: Married, 2 children

Address: Department of Anatomical Sciences

School of medicine

Shiraz University of Medical Sciences (SUMS)

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Education:

- Doctor of philosophy in Anatomical Sciences (PhD) 1995-2002, Department of Anatomical Sciences, School of Medicine, Isfahan University of Medical Sciences, I R IRAN.
- Master of Science in Anatomical Sciences (MSc.) 1986-1988, Department of Anatomical Sciences, School of Medicine, Mashhad University of Medical Sciences, I R IRAN.
- Bachelor of Science in nursing (BS) 1975 – 1983, Iran University of Medical Sciences.

Faculty Attendance:

- Professor: 5 February 2018 – present
- Associate professor: 14 August 2007- 5 February 2018 ,
- Assistant professor: 23 October 2002- 13 August 2007,
- Instructor: 1988- 22 October 2002,

Academic Appointment:

- Head of anatomical sciences department, Shiraz School of Medicine 1988-1996.
- Dean financial assistant of Shiraz School of Medicine 18 Aug 1998- 30 Nov 1999.
- Head of anatomical sciences department, Shiraz School of Medicine 2000-2003.
- Head of anatomical sciences department, Shiraz School of Medicine 2003-2005.
- Chairman of sixth Iranian congress of anatomical sciences 5-7 May 2004 Shiraz, IRAN.

- Member of scientific committee of sixth Iranian congress of anatomical sciences 5-7 May 2004 Shiraz Iran.
- Member of executive committee of sixth Iranian congress of anatomical sciences 5-7 May 2004 Shiraz Iran.
- Dean financial assistant of Shiraz School of Medicine, 19/02/2005- 21 January 2010.
- Head of anatomical sciences department, Shiraz School of Medicine, May 2006-April 2007.
- Co-establisher and Member of Fars state medical history museum of SUMS 10/14/2006- present.
- Co-establisher and member of stem cells laboratory, January 2006-present.
- Member of central laboratory of SUMS December 2007 – 21 January 2010 and February 2012- present.
- Establisher and member of occupational safety and health office of Shiraz medical school, - 21 January 2010.
- Member of publication committee of Shiraz University of Medical Sciences, June 2008- present.
- Head of anatomical sciences department, Shiraz School of Medicine, 14 August 2009- February 2012.
- Dean of School of Advanced Medical Sciences and Technologies, September 2011- 21/11/2015.
- Responsible for commissioning of Sepidan health higher education center. 2009-Present.
- Member of board Committee of anatomical sciences in ministry of health 2014-present.

Awards and Scholarship:

- Six months' academic staff visitor (20 Feb-26 Sep.2002) in medical school of Otago university, Dunedin, New Zealand.

Membership:

- Iranian Anatomical Sciences Society.

Research interests

- Oocyte in vitro maturation
- TEM technique
- Fine structure of mammalian oocyte

Teaching experience:

- Before 1987 lecturer in the Health school of Shiraz Medical Sciences University.

Shiraz Medical School (1988- 1995)

- Teaching gross anatomy (head & neck, trunk, extremities and neuroanatomy) of medical students.
- Teaching general anatomy, head & neck and neuroanatomy of dental students.

- Teaching general anatomy and neuroanatomy of pharmacy students.
- Teaching gross anatomy (head & neck, trunk, extremities, surface anatomy and neuroanatomy) of physiotherapy students.
- Teaching general anatomy of nursing students.
- Teaching general anatomy and pelvic anatomy of midwifery students.
- Teaching head & neck anatomy of ENT assistants.
- Teaching head & neck anatomy of dental assistants.

Isfahan Medical School (1995-2000)

- Teaching gross anatomy (head & neck, trunk, extremities and neuroanatomy) of medical students.
- Teaching neuroanatomy of rehabilitation students.

Shiraz Medical School (2001 to present)

- Teaching gross anatomy (head & neck, trunk, extremities and neuroanatomy) of medical students.
- Teaching general anatomy, head & neck, and neuroanatomy of dental students.
- Teaching general anatomy and neuroanatomy of pharmacy students.
- Teaching gross anatomy (head & neck, trunk, extremities, surface anatomy and neuroanatomy) of physiotherapy students.
- Teaching general anatomy of nursing students.
- Teaching general anatomy and pelvic anatomy of midwifery students.
- Teaching gross anatomy (head & neck, trunk, extremities and neuroanatomy) of anatomical sciences MSc students.
- Teaching head & neck anatomy of ENT assistants.
- Teaching head & neck, functional and comparative anatomies of dental assistants.
- Teaching of electron microscopy course of biochemistry, parasitological and microbiological PhD and MSc students.
- Teaching of micro technique course of Anatomical MSc student.
- Teaching of electron microscopy course of Anatomical PhD student

Publications:

Papers

1. Kafi M, Nili H, **Mesbah** F. A. preparation method of oocyte for electron microscopy study. Pajouhesh-va-Sazandegi In Animal Sciences Autumn 2001; 52:53-55.
2. **Mesbah** F, Kafi M, Nili H. Ovarian teratoma in camel. Vet. Record Dec 2002; 151:776.
3. Nili H, Kafi M, **Mesbah** F. Ultrastructure of immature cultivable camelus dromedarius oocytes. Advancing in reproduction 2002; 6(1, 2): ?.
4. Kafi M, **Mesbah** F, Nili H. Changing in ultrastructure-timing of invitro maturation of camel oocyte. Advancing in reproduction 2002; 6(1, 2): ?.
5. Nili H, **Mesbah** F, Kafi M, Nasr Isfahani MH. Light & TEM of immature camel dromedarius oocyte. Anat. Histol. Embryol. 2004;33:?

6. Chitsaz S, Yarmohamadi L, Yamini, Parhizkar, **Mesbah** F. The Phonological Legacy of Avicenna. Proceeding of the first Ibn-I Sina (Avicenna) Colloquium, 23-25 August 2004, Hamadan, Iran, awarded as the best article.
7. **Mesbah** F, Kafi M, Nili H, Nasr-Isfahani MH. Spontaneous parthenogenesis and development of camel oocytes. Vet. Record Oct. 2004; 155:498-500.
8. Kafi M, **Mesbah** F, Nili H, Khalili A. Chronological and ultrastructural changes in camel (*Camelus dromedarius*) oocytes during in vitro maturation. Theriogenology Jun 2005; 63(9):2458-2470.
9. Noorafshan, Karbalaeei, **Mesbah** F. High doses of nandrolone decanoate reduce volume of testis and length of seminiferous tubules in rat. APMIS 2005; 113:122-125.
10. Talaei – Khozani T, Aminizadeh N, Ali abadi E, **Mesbah** SF, Zolghadr J. Lectin reactivity of expanded mouse blastocysts after exposure to sera from women with unexplained recurrent spontaneous abortion. Reproductive toxicology 2005; 20: 531-537.
11. Karbalay – doost.S, Noorafshan.A, **Mesbah Ardekani**.F, Mirkhani.H. Study of reversibility of sperm quality after discontinuing nandrolone decaonate in adult Male Rats. Asian Andrology 11 Jul 2006;?: ?.
12. Chitsaz S, **Mesbah** F, Yarmohamadi, Ashak Torab. Anatomical legacy of Avicenna as seen through the relevant topics in modern anatomy. IJMS 2007; 32(1): ?.
13. **Mesbah** SF. The Iranian father's of Anatomy.
14. Mohammadi M, **Mesbah** F, Dehghani GA. Vanadyl sulphate and its regenerative and trophic effects on beta cells of pancreas of STZ- induced diabetic mellitus rats. Iranian Journal of Endocrinology & Metabolism 2007; 9(2): 133-140.
15. **Mesbah** S.F., S. Shokri, S. Karbalay-Doust, H. Mirkhani. The Effect of Nandrolone Decanoate on the Body, Testis and Epididymis Weight and Semen Parameters in Adult Male Rats. IJMS June 2007; 32(2):93-9.
16. Dehghani, F., Azizi, M., Panjehshahin M. R., Talaei-Khozani, T. and **Mesbah**, F. Toxic effects of hydroalcoholic extract of *Citrullus colocynthis* on pregnant mice. IJVR 2008;9(1):?.
17. **Mesbah** S.F., S. Shokri, S. Karbalay-Doust, H. Mirkhani. The Effect of Nandrolone Decanoate on ultrastructure of testis in Adult Male Rats. IJMS June 2008; 33 (2):94-100.
18. Ghanbari A, **Mesbah** F, Namavar MR, Khademi B, Karbalaeei-doust S. Communication between external and recurrent laryngeal nerves in human by using dissection method in Shiraz medical school. Journal of anatomical Sciences summer 2009; Vol. 7: 73-9.
19. Ghanbari A, **Mesbah** F, Namavar MR, Khademi B, Karbalaeei-doust S. Comparison of marking changes in neural cells detection protocol on superior laryngeal nerve in dogs. Journal of Armaghan danesh, spring 2009; 14(1):57-65.
20. **Mesbah** F, Moslem M, Vojdani Z, Mirkhani H. Estradiol Valerate-induced Polycystic Ovary Syndrome: An Animal Model Study. Armeghan e Danesh. Winter 2011; 60:325-34.

21. N. Davoodian, F. **Mesbah** and M. Kafi. Oocyte Ultrastructural Characteristics in Camel (*Camelus dromedarius*) Primordial to Large Antral Follicles. *Anatomia Histologia Embryologia*. 2011; 40 (2):120-27.
22. **Mesbah** F , Ayesheh Bahri, Elham Ghasemi, Tahereh Talaei Khozani, Hoseein Mirkhani, Mohammad Ebrahim Parsanezhad. The effects of metformin on ovum implantation and pregnancy outcome in rats with induced PCOS. *Tehran University Medical Sciences Journal*. June 2011; 69(3): 191-197.
23. **Mesbah** F, et al. The effect of formaldehyde among medical students in anatomy dissection laboratory of Shiraz school of medicine. *Journal of Iranian Anatomical Sciences*. 2011; 8(33): 198-210.
24. **Mesbah** F, et al. Ergonomic intervention effect in reducing musculoskeletal disorders in staff of Shiraz Medical School using QEC and RULA methods. *Iran Occupational Health*. 2012; 9(1): 41-51.
25. Noorafshan A, Ahmadi M, **Mesbah** F, Karbalay-Doust S. Stereological study of the effects of letrozole and estradiol valerate treatment on the ovary of rats. *Clin Exp Reprod Med* 2013; 40(3):115-121.
26. Elham Aliabadi, Zohreh Makoolati, Tahereh Talaei-Khozani, Fakhreddin **Mesbah** Ardekani. The Effects of HCG on the Distribution Pattern of Mature Pregnant Rat Uterine Glycoconjugates during Implantation Period. *Anatomical Sciences Journal*. Spring 2013; 10(3): 9-14.
27. Mojtaba Kafi, Seyed Fakhroddin **Mesbah**, Najmeh Davoodian, and Ali Kadivar. Fine Structures of the Oocyte in Relation to Serum, Follicular Fluid Steroid Hormones and IGF-I in the Ovulatory-Sized Follicles in One-Humped Camel (*Camelus dromedarius*). *Avicenna J Med Biotech* 2014; 6(1):57-61.
28. Bordbar H, **Mesbah** F, Talaei T, Dehgjani F. Modulatory effect of gonadotropins on the rats' ovaries after administration of nandrolone decanoate: A stereological study. *Iranian J of Med Sci*. 2014; 39(1): 44-50.
29. **Mesbah** Fakhroddin, Ghanizadeh Ahmad, Shah Imran. Morphometric characteristics of craniofacial features in patients with schizophrenia. *J of psychiatry* 2014; 17(2):514-19. doi: 10.4172/1994-8220.1000107.
30. Leila Pirmoradi, Mohammad Taghi Mohammadi, Akbar Safaei, Fakhardin **Mesbah** and Gholam Abbas Dehghani. Does the Relief of Glucose Toxicity Act As a Mediator in Proliferative Actions of Vanadium on Pancreatic Islet Beta Cells in Streptozocin Diabetic Rats? *Iranian Biomedical Journal* 2014; 18 (3): 173-180.
31. Mohammadi Mohammad Taghi, Leila Pirmoradi, Fakhroddin **Mesbah**, Akbar Safaei, Gholam Abbas Dehghani. Trophic action of oral vanadium and improved glycemia on the pancreatic beta cells ultrastructure of streptozotocin-induced diabetic rats. *J Pancreas*. 2014; 15(6): 591-6.
32. **Mesbah** S.F, Moslem M, Vojdani Z, Mirkhani H. Does metformin improve *in vitro* maturation and ultrastructure of oocytes retrieved from estradiol valerate polycystic ovary syndrome-induced rats. *J Ovarian Res*. 2015 Nov 14; 8(1):74.
33. **Mesbah** F, Kafi M, Nili H. Cumulus Cells Expansion and First Polar Body Extrusion During *In Vitro* Oocyte Maturation in Relation to Morphological and Morphometric Characteristics of the Dromedary Camel Ovary. *Reprod Domest Anim*. 2016 Dec; 51(6):916-923.

34. **Mesbah** F, Bordbar H, Talaei T, Dehgjani F. The non-preventive effects of human menopausal gonadotropins on ovarian tissues in Nandrolone decanoate-treated female rats: A histochemical and ultra-structural study. *Int J Reprod BioMed*. 2018 March; 16(3): 159-174.
35. Elham Aliabadi, **Fakhroddin Mesbah**, Elyas Kargar, Shahla Zahiri, Shabnam Abdi. Effects of Pentoxifylline on the Histological and Ultra-Structural Features of Vitrified Mouse Ovarian Tissue: *An experimental study*. *Int J Reprod BioMed*. **Accepted**.2018.
36. Pajokh¹, Tahereh Talaei-Khozani¹, Hossein Bordbar¹, Fakhroddin **Mesbah**.^{1*} Apoptosis, Autophagy, and Necrosis in Murine Embryonic Gonadal Ridges and Neonatal Ovaries: An Animal Model. *Iranian J Med Sci. IJMS Vol 44, No 1, January 2019*.
37. **Mesbah F**; Aris Donic Pracha; Tahereh Talaei-Khozani; Soghra Bahmanpour. The effects of activated-omental extract on nuclear and cytoplasmic in vitro maturation of rat oocytes. *Iran J Basic Med Sci*, 2017; 20(12): 1345-53.
38. Aliabadi, E., Makoolati, Z., Talaei-Khozani, T. **Mesbah** F. Stress affects surface glycoconjugates of the rat endometrium at the time of implantation. *Journal of Glycoconjugates J*. 2017; 34: 671. <https://doi.org/10.1007/s10719-017-9791-6>.
39. Pajokh M, **Mesbah** F, Bordbar H, Talaei T. Different cell death types determination in juvenile mice ovarian follicles. *Iran J Vet Res*. 2018 Autumn; 19(4): 298–303.
40. Mehrabianfar P, Dehghani F, Karbalaee N, **Mesbah** F. “The effects of metformin on stereological and ultrastructural features of the ovary in streptozotocin -induced diabetes adult rats: An experimental study,” *Int J Reprod BioMed* 2020; 18: 651–666. <https://doi.org/10.18502/ijrm.v13i8.7506>.
41. Bakhtari A, Nazari S, Alae S, Kargar-Abarghouei E, **Mesbah** F, Mirzaei E, Molaei MJ. Effects of dextran-coated superparamagnetic iron oxide nanoparticles on mouse embryo development, antioxidant enzymes and apoptosis genes expression, and ultrastructure of sperm, oocytes and granulosa cells. *Int J Fertil Steril*. 2020; 14(3): 161-170. doi: 10.22074/ijfs.2020.6167.
42. Reihaneh Taheri, Fakhroddin **Mesbah** Ardekani, Hadi Raeisi Shahraki, Neda Heidarzadeh-Esfahani, Salimeh Hajiahmadi, "Nutritional Status and Anthropometric Indices in relation to Menstrual Disorders: A Cross-Sectional Study", *Journal of Nutrition and Metabolism*, vol. 2020, Article ID 5980685, 7 pages, 2020. <https://doi.org/10.1155/2020/5980685>

Books

1. **Mesbah** F. General Anatomy for dental, pharmacy and ...students. First edition 1995. Reprint: 1996, 1997, 1998, 1999, 2000, 2001.
2. **Mesbah** F. General Anatomy for dental, pharmacy and ...students. Second edition 2002. Reprint: 2003, 2004, 2005, 2005, 2006, 2006, 2007.
3. **Mesbah** F. General Anatomy for dental, pharmacy and ...students. Third edition Shahrivar 1388 (September 2009). Reprint: September 2010, 2011, 2013, November 2014. 2016, March 2018

4. Aghayani jafar: Studies of the scientific and philosophical works of Avicenna. Publication of Avicenna Scientific and Cultural Foundation. First edition 1394, S. Chitsaz, L. Yarmohammadi, ..., ..., S.F. Mesbah. Avicenna's legacy in phonetics.
5. Amirabadi M, Mesbah F, et al. History of Seventy Years of Shiraz Medical Education, publication of 70th Years Meeting. May 2017.

Meeting & Conference Presentations:

International oversea congresses

1. **Mesbah** F, Nili H, Kafi M. Recovery and Morphological Correlates of Camel (camelus dromedarius) oocytes. 14th International Congress on Animal Reproduction, 2-6 July 2000 Stockholm Sweden.
2. Nili H, Kafi M, **Mesbah** F. Ultrastructural Features of Immature Culturable Camel (camelus dromedarius) oocytes. 14th International Congress on Animal Reproduction, 2-6 July 2000 Stockholm Sweden.
3. Kafi M, Nili H, **Mesbah** F. Timing of Nuclear Progression and Cumulus Cell Expansion During in vitro Maturation of Dromedary Camel Oocytes. 14th International Congress on Animal Reproduction 2-6 July 2000 Stockholm Sweden.
4. **Mesbah** F, M. Kafi, H. Nili. Spontaneous Parthenogenesis in camel (Dromedary) Oocyte. 6th Annual Conference for Animal Production Under Arid Condition. International Twin Conference on Reproduction in Camel, 13-11Nov2001 UAE.
5. **Mesbah** F, Dehghani F. The effect of glycerol on microscopic structure of heart: an experimental model in rat. The 3rd Eastern Mediterranean Congress on Heart Health 10- 13 April 2002 Cairo, Egypt.
6. Kafi M, Nili H, **Mesbah** F. Ultrastructure of immature cultivable camelus dromedarius oocytes. Twins congress of camel reproduction 13 Oct. 2002 Charleston USA.
7. Nili H, Kafi M, **Mesbah** F. Changing in ultrastructure-timing of invitro maturation of camel oocytes. Twins congress of camel reproduction, 13 Oct. 2002 Charleston USA.
8. **Mesbah**, Azizi, Dehghani, Talaei, Panjehshahin, Karbalaee-Doust. The effect of organic extraction of citrulus colocynthis on the fertility rate and number of the embryo in mouse. 2nd international symposium on pediatric gastroenterologyhepatology and nutrition. 13-15 January 2003, Riyadh, Saudi Arabia.
9. **Mesbah** F, H Mirkhani, S Karbalaee-Doust, S Shokri. The effect of AAS on the body, testis and epididymis weight in adult male rat. 41st congress of the EUROTOX Sep 28- Oct 1, 2003, Florence, Italy.
10. Karbalaee-Doust S , H Mirkhani, F **Mesbah**, S Shokri. The effect of AAS on the sperm count, motility and morphology in adult male rat. 41st congress of the EUROTOX Sep 28- Oct 1, 2003, Florence, Italy.
11. Dehghani F, MR Panjehshahin, M Azizi, F **Mesbah**, S Karbalaee-Doust, T Talaei. The effect of citrulus colocynthis on fertility rate and the number of embryo in mouse. 41st congress of the EUROTOX Sep 28- Oct 1, 2003, Florence, Italy.

12. **Mesbah** F, Peter Hurst. Evaluation of apoptosis of the oocyte in mouse atretic follicle: ATEM study. 41st congress of the EUROTOX Sep 28- Oct 1, 2003, Florence, Italy.
13. Talaei – Khozani T, Aminizadeh N, Aliabadi E, **Mesbah** F. The toxic effect of the sera from women with spontaneous abortion history in the preimplantation embryo development and cell surface glycoconjugates. 10th international congress of toxicology, 11-15 July 2004, Tampere, Finland.
14. **Mesbah** F, S Shokri, S Karbalaee-Doust, H Mirkhani. The effect of AAS on the testis of male rat : A TEM study . 10th international congress of toxicology, 11-15 July 2004, Tampere, Finland.
15. Aliabadi . Elham , Talaei . Tahereh , **Mesbah** F. Toxic effect of HCG on distribution pattern of mature rat uterine surface glycoconjugates during implantation period. 43rd congress of the European Societies of Toxicology, Cautuat, Croatia 20-24 Sep 2006.
16. **Mesbah**.F , Kafi.M , Nilli.H . Spontaneous parthenogenesis of camel oocytes. Proceedings of the international scientific conferences of Camels. Qassim University. Saudi Arabia , 10-12 May 2006.
17. **Mesbah**.S.F, Moslem.M,¹ Vojdani.Z, Mirkhani H Effect of metformin on in vitro maturation of rat oocyte following induced polycystic ovary syndrome. Prague (Czech Republic) from April 30 to May 3, 2008.
18. **Mesbah**.S.F, Moslem.M, Vojdani.Z, Mirkhani H Effect of metformin on in vitro maturation of rat oocyte following induced polycystic ovary syndrome. 7th Athens Congress on Women's Health and Disease. September 11-13, 2008, Athens-Greece.

National congresses

1. **Mesbah** F. Anastomosis between external and recurrent laryngeal nerves. 6th International Congress of Geographic Medicine 1992. Shiraz IRAN.
2. Nili H, Kafi M, **Mesbah** F. Fine Structure of Immature one Humped Camel Oocytes. First Iranian Congress of Veterinary Basic sciences 2000 IRAN.
3. Kafi M., Nili H., **Mesbah** F. Timing of Meiotic Resumption During in vitro Maturation of Dromedary Camel Oocytes. First Iranian Congress of Veterinary Basic Sciences 2000.IRAN.
4. Azizi, Dehghani, Talaei, **Mesbah**, Panjehshahin, Karbalaee-Doust. The effect of organic extraction of citrulus colocynthis on the fertility rate and number of the embryo in mouse. 8th Iranian Seminar of Pharmaceutical Sciences 27-29 August 2002, Shiraz Iran.
5. Ay J, F **Mesbah**, A Mirghasemi, B Hoseeni. Effect of cautions on sex selection of male adult rat. 16th Iranian physiological and pharmacological congress, 9-13 May 2003, Tehran, Iran.
6. Talaei, Azizi, **Mesbah**, Karbalaee-Doust, Panjehshahin, Dehghani. The effect of organic extraction of citrulus colocynthis on the fertility rate and number of the embryo in mouse. 16th Iranian physiological and pharmacological congress, 9-13 May 2003, Tehran, Iran.

7. Shokri S, **Mesbah** F, Karbalaeei-Doust S, Mirkhani H. The effect of AAS on the sperm count, motility and morphology in adult male rat. 16th Iranian physiological and pharmacological congress, 9-13 May 2003, Tehran, Iran.
8. Shokri S, **Mesbah** F, Karbalaeei-Doust S, Mirkhani H. The effect of AAS on the body, testis and epididymis weight in adult male rat. 16th Iranian physiological and pharmacological congress, 9-13 May 2003, Tehran, Iran.
9. **Mesbah** F, Peter Hurst. Evaluation of apoptosis of the oocyte in mouse atretic follicle: ATEM study. First Iranian congress of biology 26-28 Feb. 2003, Ahvaz, Iran.
10. Karbalaeei-Doust S , H Mirkhani, F **Mesbah**, S Shokri. The reversibility of the sperm quality after discontinuing of nandrolone decanoate in adult male rats. 17th International Congress of Geographic Medicine. 23-25 November 2004, Shiraz IRAN.
11. Chitsaz S, Yarmohamadi L, Yamini, Parhizkar, **Mesbah** F. Anatomical legacy of Avicenna as seen through the relevant topics in modern anatomy. Sixth Iranian congress of anatomical sciences. 5-7 May 2004 Shiraz Iran.
12. Aliabadi E, Aminizadeh N, **Mesbah** F, Zolghadr J, Talaei – Khozani T. The toxic effect of the sera from women with unexplained spontaneous abortion history in the embryo development of mouse. Sixth Iranian congress of anatomical sciences. 5-7 May 2004 Shiraz Iran.
13. Aminizadeh N, Talaei – Khozani T, **Mesbah** F, Aliabadi E, Zolghadr. The toxic effect of the sera from women with spontaneous abortion history in the preimplantation embryo development and cell surface glycoconjugates. Sixth Iranian congress of anatomical sciences. 5-7 May 2004 Shiraz Iran.
14. Shokri S, **Mesbah** F, S Karbalaeei-doust, H Mirkhani. The effect of AAS on the testis of male rat: A TEM study. Sixth Iranian congress of anatomical sciences 5-7 May 2004 Shiraz Iran.
15. Chitsaz S, Yarmohamadi L, Yamini, Parhizkar, **Mesbah** F. The Phonological Legacy of Avicenna. First Ibn-I Sina (Avicenna) Colloquium, 23-25 August 2004, Hamadan Iran, awarded as the best article.
16. Aliabadi E, Talaei T, **Mesbah** SF, Makolati Z. Distribution pattern of mature rat uterine surface glycojugate in implantation period after HCG injection. 7th Iranian congress of anatomical sciences, 10-12 May 2006.
17. **Mesbah** SF, Aliabadi E, Talaei T, Makolati Z. Effect of injection stress on glycojugate of uterine surface in mature rat. 7th Iranian congress of anatomical sciences, 10-12 May 2006.
18. Makolati Z, Aliabadi E, **Mesbah** SF, Talaei T. The use of 4 IU PMSG as control group in the study of uterine glycojugate in implantation in mature rat. 7th Iranian congress of anatomical sciences, 10-12 May 2006.
19. Ghanbari GH, **Mesbah** F, Namavar MR, Karbalaeei-doust S, Khademi B. Communication between external and recurrent laryngeal nerves in dog by using HRP tracing. 7th Iranian congress of anatomical sciences, 10-12 May 2006.
20. **Mesbah** F, Namavar MR, Khademi B, Karbalaeei-doust S, Ghanbari GH. Communication between external and recurrent laryngeal nerve in human by using dissection method. 7th Iranian congress of anatomical sciences, 10-12 May 2006.

21. Mahammadi MT, **Mesbah** F, Dehghani GA. The Effects of Vanadyl Sulfate on Ultra-structural Feature of Pancreatic β cells in Diabetic induces Rat. 18th Physiology and Pharmacology Congress, Mashhad IR Iran. Septmber 2007.
22. **Mesbah** F, Moslem M, Vojdani Z, Mirkhani H. Estradiol valerate-induced polycystic ovary syndrome: An animal model study. The 5th Asia-Pacific international congress of Anatomists and the 8th Iranian Congress of Anatomical Sciences. 16-19 May 2008. Tehran Iran.
23. **Mesbah** F, Bahri A, Ghasemi A, Talaei T, Mirkhani H, Parsanezhad ME. Effects of metformin on pregnancy rate in rat induced polycystic ovary syndrome. The 5th Asia-Pacific international congress of Anatomists and the 8th Iranian Congress of Anatomical Sciences. 16-19 May 2008. Tehran Iran.
24. Chitsaz S, Ahmad K, **Mesbah** F. The importance of Anatomy in clinical linguistics. The 5th Asia-Pacific international congress of Anatomists and the 8th Iranian Congress of Anatomical Sciences. 16-19 May 2008. Tehran Iran.
25. **Mesbah** F, Moslem M, Vojdani Z, Mirkhani H. Effect of metformin on in vitro maturation of rat oocyte following induced polycystic ovary syndrome. The 5th Asia-Pacific international congress of Anatomists and the 8th Iranian Congress of Anatomical Sciences. 16-19 May 2008. Tehran Iran.
26. Ghanbari G, **Mesbah** F, Namavar MR, Khademi B, Karbalay Doust. Anatomical localization of the origin of afferent and efferent fibers in the laryngeal nerves of dogs: a HRP neuron tracing study. The 5th Asia-Pacific international congress of Anatomists and the 8th Iranian Congress of Anatomical Sciences. 16-19 May 2008. Tehran Iran.
27. Ghanbari G, **Mesbah** F, Namavar MR, Khademi B, Karbalay Doust. Comparing between techniques for observing HRP tracer in the cell body after putting cutting nerve ends inside the Horse Radish Peroxidase solution. The 5th Asia-Pacific international congress of Anatomists and the 8th Iranian Congress of Anatomical Sciences. 16-19 May 2008. Tehran Iran.
28. Aliabadi E, Makolati Z, Khozani T, **Mesbah**-Ardekani SF. The intensity of the uterine glands glycoconjugates reaction to different lectins in implantation period after treatment with different doses of PMSG in mature rat. 14th Congress of Iranian Society for Reproductive Medicine.
29. **Mesbah** F, et al. The effect of formaldehyde among medical students in anatomy dissection laboratory of Shiraz school of medicine. Iranian congress of anatomical sciences. Hamedan Iran 4-7 khordad 1389.
30. **Mesbah** F. Ahmad Ghanizadeh, Imran Shah. Morphometric Characteristics of Craniofacial Features in patients with Schizophrenia. Iranian congress of anatomical sciences Hamedan Iran 4-7 khordad 1389.
31. **Mesbah** F, et al. The effect of formaldehyde among medical students in anatomy dissection laboratory of Shiraz school of medicine. National congress in safety and health in medical and educational centers. Hamedan Iran, 11-12 may 2011 (21-21 Ordibeheshat 1389).
32. **Mesbah** F, et al. Educational intervention effect in reducing of ... 11th Iranian Nutrition congress, Shiraz Iran, 1-4 November 2010 (10-13 aban 1389)
33. **Mesbah** F. Ultrastructure of ovary and follicle. Embryology symposium. Royan Institute. 5-6 Esfand 1389. Tehran Iran, Invited speaker

34. Bordbar H, **Mesbah** F, Talaei T, Dehgjani F., Mirkhani H Modulatory effect of gonadotropins on the rats' ovaries after administration of nandrolone decanoate: A stereological study. 11th Iranian congress of anatomical sciences. Ahvaz, Iran 30 Bahman- 2 Esfand, 1392.
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3. A study of histological changes in male genital system induced by exercise in mouse. 25/ 8/ 80.
4. A study of the effects of soy bean on osteogenesis of femur in mouse embryo. 7/9/80.
5. The effect of sound on the changes of cell surface and extracellular matrix glycoconjugate of the heart in newborn mouse. 17/9/81.
6. The effect of phoelix dactylferaus on rat male reproductive system and spermatogenesis, 14/12/81.
7. Study of the changes of nissl body within motor neuron of spinal cord prenatal and postnatal cat. 142/81, 4/10/82.
8. Histochemical study of the effect of noise on the cell surface and extracellular matrix glycoconjugate of the cochlea of developing mouse embryo. 6/2/82-471.
9. Stereological study of prenatal stress on the cell nuclei of the suprarenal gland in rat embryo. 20/3/82- 490.
10. Effect of flax seed consumption on levels of estradiol and testosterone in blood and microscopical study of prostate in male rat. 4/4/ 82-499.
11. Stereological study of the effect of noise in mouse thymus development. 21/5/82- 513
12. The role of electron microscopy in the diagnosis of lesions of vitiligo from nevus depigmentosus, not diagnosed by clinical manifestation and light microscopic study in patient refer to dermatology clinic of Dr Faghihi hospital. 15/8/82-531.
13. Saccharin test of maxillary sinus for mucociliary function after endoscopic sinus surgery and electron microscopic study in 20 patients. 20/11/82-581.
14. The effect of hydroalcoholic extract of chamomile on the testis, prostate, seminal vesicle and blood level of testosterone and estradiol in male rats. 1/4/ 83, 82-570.
15. The effect of embryonic age on the structure of gastrointestinal tract. PhD thesis of veterinary anatomical sciences. 9/7/84.
16. Effects of camphor on the sex hormones of male rat 24/1/ 84.

17. The study of microscopic transitional zone of renal artery in Iranian male cat. PhD proposal of veterinary anatomical sciences. 58, 17/7/84
18. The ultrastructural study of photoreceptor cells in the postnatal life of Iranian cat retina. PhD proposal of veterinary anatomical sciences. 59, 17/7/84
19. Bioarcheology Study of Human Skeleton from Iron Age Cemetery in the Tabriz Blue Mosque Zone or museum. PhD proposal Tahsilat takmily.
20. The effect of triptorelin (aGnRH- agonist) and glutathione (a thiol) on histological quantative changes of ovary and hypothalamus and Kisspeptin expression in the hypothalamus of cyclophosphamide – treated mice. Tahsilat takmily of department, MSc proposal, 31/5/91.

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