

Curriculum Vita

Saied karbalay-doust



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Personal Background

First Name: Saied

Family Name: Karbalay - doust

Date of Birth: 25/4/1965

Place of Birth: Dolat abad, Iran

Nationality: Iranian

Marital Status: Married

Number of Children: Two

First Language: Persian (Farsi)

Address and E-mail

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Educational Background

1989-1992 MSc in Anatomical Sciences, school of Medicine, Isfahan
University of Medical Science, Isfahan, Iran

1983-1986 BSc in Physiotherapy, School of Rehabilitation, Shiraz
University of Medical Sciences, Shiraz, Iran.

Employment and Professional Background

Instructor of anatomy, Anatomical Sciences, School of Medicine, Shiraz University of
Medical Sciences ,Shiraz ,Iran

1992-2010

Assistant Professor of Anatomy, Anatomical Sciences, School of Medicine, Shiraz
University of Medical Sciences, Shiraz ,Iran

2010-Present

Teaching History

*Courses of Head and Neck, Trunk and Limbs Anatomy for Medical and Dental Students,
Shiraz University of Medical Sciences, Shiraz, Iran

*Courses of Trunk and Limbs Anatomy and Microtechniques for MSc students, Shiraz
University of Medical Sciences, Shiraz, Iran

*Courses of Head and Neck, Trunk, Limbs, Osteology, Surface Anatomy for
Physiotherapy Students, Shiraz University of Medical Sciences, Shiraz, Iran

*Courses of Neuroanatomy for Pharmacology Students, Shiraz University of Medical
Sciences, Shiraz, Iran

*Courses of General Anatomy for the students of Midwifery, Nursing, Operation Room,
Radiology, Environmental Health, General Health and Other Paramedical Fields students,
Shiraz University of Medical Sciences,

CO-SUPERVISION OF THESIS:

1- Thesis co-supervisor for MSc student in anatomical sciences.

Narges Sotoudeh: Effect of Platelet Rich Plasma on Busulfan-induced infertility in rat model(A stereological study)

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2016

2- Thesis co-supervisor for Resident of Urology.

Dr Pooya Hekmati: Scrotal cooling to protect against cisplatin-induced spermatogenesis toxicity: Preliminary outcome of an experimental controlled trial.

Department of Urology, School of Medicine, Shiraz University, of Medical Sciences of Medical Sciences, Shiraz, Iran, 2015-16

3- Thesis co-supervisor for doctor of medicine.

Behnam Niazi: First and Second Order Stereology of Hyaline Cartilage: Application on the Mice Femoral Cartilage

School of Medicine, Shiraz University, of Medical Sciences of Medical Sciences, Shiraz, Iran, 2015-16

4- Thesis co-supervisor for MSc student in anatomical sciences.

Mahboobeh Erfanizadeh: Stereological assessment of the rat cerebellum after exposure to sodium benzoate, ascorbic acid and benzen

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2014-15

5- Thesis co-supervisor for MSc student in anatomical sciences.

Mahboobeh Erfanizadeh: Stereological assessment of the rat cerebellum after exposure to sodium benzoate, ascorbic acid and benzen

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2014-15

6- Thesis co-supervisor for PhD student in anatomical sciences.

Mohammad Amin Abdolahifar: Stereological study of the effects of curcumin, phenelzine and sertraline on the histological parameters of the medial prefrontal cortex after chronic stress in male rats

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2014-15

7- Thesis co-supervisor for MSc student in anatomical sciences.

Maryam Ahmadi: Morphological and Morphometrical Characteristics of Follicles in induced Polycystic Ovary Syndrome (PCOS) rat following estradiol valerate and letrozole administration.

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2013-14

8- Thesis co-supervisor for MSc student in anatomical sciences.

Ali rashidiani: Stereological assessment of the rat cerebellum after prescription of sulfite and possible protective role of curcumin

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2013-14

9- Thesis co-supervisor for MSc student in anatomical sciences.

Reza Asadi Golshan: Stereological assessment of the rat medial prefrontal cortex after exposure to sulfite and possible protective role of curcumin

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2013-14

10- Thesis co-supervisor for MSc student in anatomical sciences.

Hassanpour A: Administration of L-carnitine and homogenized testis tissue on the structure of testis and sperm parameter in busulfan-treated rats

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2010-11

11- Thesis co-supervisor for MSc student in anatomical sciences.

Omidi A: Stereological study of therapeutic effects of curcumin on dorsal root ganglion and sciatic nerve and walking track analysis of the rats after sciatic nerve crush.

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2010-11

12- Thesis co-supervisor for MSc student in anatomical sciences.

Valizadeh A: Ameliorative Effects of Curcumin on the Seminiferous Epithelium in Metronidazole-Treated Mice: A Stereological Study

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2008-9

13- Thesis co-supervisor for Resident of Urology.

Dr Ariafar A: Preventive role of exogenous testosterone on cisplatin –induced gonadal toxicity: An experimental placebo controlled prospective trial.

Department of Urology, School of Medicine, Shiraz University, of Medical Sciences of Medical Sciences, Shiraz, Iran, 2007-8

14- Thesis co-supervisor for Resident of Urology.

Dr Ardeshiri M: Comparison of the protective effects of papaverin, xylocaine and verapamil on sperm analysis and histopathology of testis after induced torsion & detorsion in rats.

Department of Urology, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2007-8

15- Thesis co-supervisor for MSc student in anatomical sciences Zabolizadeh J: The preventive effects of brewers yeast on adrenal atrophy after the usage of methimazole in female rat (A stereological Study). Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2005-6

16- Thesis co-supervisor for MSc student in anatomical sciences

Ghanbari G: Study of Connection between Superior and Inferior Laryngeal Nerves in Dog using Horse Radish Peroxidase Retrograde Neuron Tracing .

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2004-5

17- Thesis co-supervisor for MSc student in anatomical sciences

Shokri S: Effect of Anabolic– Androgenic Steroid on the Testis in Adult Male Rats: A TEM study.

Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2002-3

18- Thesis co-supervisor for MSc student in anatomical sciences

Azizi M.: Stereological Study on the Superior Cervical Sympathetic Ganglion in Diabetic Rats. Department of Anatomical Sciences, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran, 2000-1

Publications

1- Doostkam A, Mirkhani H, Iravani K, **Karbalay-Doust S**, Zarei K. Effect of Rutin on Diabetic Auditory Neuropathy in an Experimental Rat Model. *Clin Exp Otorhinolaryngol*. 2020 Aug 10. doi: 10.21053/ceo.2019.02068. Online ahead of print.

2-Hosseini MS, Ali-Hassanzadeh M, Nadimi E, **Karbalay-Doust S**, Noorafshan A, Gharesi-Fard B. Stereological study of the placental structure in abortion-prone mice model (CBA/J×DBA/2J). *Ann Anat*. 2020 Jul;230:151508. doi: 10.1016/j.aanat.2020.151508.

3-Shirazi M, Sadraei A, Noorafshan A, **Karbalay-Doust S**, Ariafar A. The effect of zinc sulfate on penile corpus spongiosum after hypospadias repair in rats: A stereological study. *Theriogenology*. 2020 Dec;158:432-437. doi: 10.1016/j.theriogenology.2020.09.036.

4-Erfanizadeh M, Noorafshan A, Namavar MR, **Karbalay-Doust S**, Talaei-Khozani T. Curcumin prevents neuronal loss and structural changes in the superior cervical (sympathetic) ganglion induced by chronic sleep deprivation, in the rat model. *Biol Res*. 2020 Jul 10;53(1):31. doi: 10.1186/s40659-020-00300-8

5-Eslahi A, Shirazi M, Khoshnood O, Noorafshan A, **Karbalay-Doust S**. Comparison of the effects of pentoxifylline, simvastatin, tamoxifen, and losartan on cavernous bodies after penile fracture in rats: a stereological study. *Int J Impot Res*. 2020 May;32(3):338-344. doi: 10.1038/s41443-019-0175-2. Epub 2019 Aug 19

6-Karimi F, Rafati A, Noorafshan A, Hosseini L, **Karbalay-Doust S**. Sinoatrial node remodels in chronic sleep-restricted rats. *Chronobiol Int*. 2019 Apr;36(4):510-516. doi: 10.1080/07420528.2018.1563900.

7-Jafarinezhad Z, Rafati A, Ketabchi F, Noorafshan A, **Karbalay-Doust S**. Cardioprotective effects of curcumin and carvedilol in doxorubicin-treated rats: Stereological study. *Food Sci Nutr*. 2019 Sep 10;7(11):3581-3588. doi: 10.1002/fsn3.1210.

8-Eslahi A, Shirazi M, Khoshnood O, Noorafshan A, **Karbalay-Doust S**. Comparison of the effects of pentoxifylline, simvastatin, tamoxifen, and losartan on cavernous bodies

after penile fracture in rats: a stereological study. *Int J Impot Res.* 2020 May;32(3):338-344. doi: 10.1038/s41443-019-0175-2.

9-Fakher S, Seghatoleslam A, Noorafshan A, **Karbalay-Doust S**, Rahmanifard M, Rashidi M. The Impact of *Echium Amoenum* Distillate on Naturally Boosting Fertility: Potential Ameliorative Role in Male Mice Reproductive Parameters. *Iran J Med Sci.* 2019 May;44(3):227-235

10-Shirazi M, Rajabalian MB, Noorafshan A, **Karbalay-Doust S**, Jahanabadi Z, Ahmed F. The comparison of the effect of phenylephrine and epinephrine on penile spongy tissue in rats after experimental hypospadias surgery: a quantitative stereological study. *BMC Urol.* 2019 Jun 20;19(1):55. doi: 10.1186/s12894-019-0483-3

11-Noorafshan A, Yousefi M, Hosseini L, **Karbalay-Doust S**. Can Sertraline and Nortriptyline Protect the Neurons in Submucosal and Myenteric Plexuses of Rat's Colon Against Stress? *Dig Dis Sci.* 2019 Sep;64(9):2548-2554. doi: 10.1007/s10620-019-05600-y.

12-Dehghani F, Sotoude N, Bordbar H, Panjeshahin MR, **Karbalay-Doust S**. The use of platelet-rich plasma (PRP) to improve structural impairment of rat testis induced by busulfan. *Platelets.* 2019;30(4):513-520. doi: 10.1080/09537104.2018.1478400.

13-Noorafshan A, Asadi-Golshan R, Erfanizadeh M, **Karbalay-Doust S**. Beneficial Effects of Olive Oil on the Rats' Cerebellum: Functional and Structural Evidence. *Folia Med (Plovdiv).* 2018 Sep 1;60(3):454-463. doi: 10.2478/folmed-2018-0022

14-Aminsharifi A, Monsef A, Noorafshan A, **Karbalay-Doust S**, Jafarinezhad Z, Koohi-Hosseiniabadi O, Molaei A. Effects of Intratesticular Hematoma on Testis Microstructure, Spermatogenesis, and Testosterone Production: Defining a Cutoff Point for Significant Intratesticular Hematoma. *Urology.* 2018 Aug;118:80-86. doi: 10.1016/j.urology.2018.05.005.

15-Noorafshan A, Karimi F, Kamali AM, **Karbalay-Doust S**, Nami M. Could curcumin protect the dendritic trees of the CA1 neurons from shortening and shedding induced by chronic sleep restriction in rats? *Life Sci.* 2018 Apr 1;198:65-70. doi: 10.1016/j.lfs.2018.02.021.

- 16-Noorafshan A, Hashemi M, **Karbalay-Doust S**, Karimi F. High dose Allura Red, rather than the ADI dose, induces structural and behavioral changes in the medial prefrontal cortex of rats and taurine can protect it.
Acta Histochem. 2018 Aug;120(6):586-594. doi: 10.1016/j.acthis.2018.07.004.
- 17-Rafati A, Noorafshan A, Jahangir M, Hosseini L, **Karbalay-Doust S** Vitamin E can improve behavioral tests impairment, cell loss, and dendrite changes in rats' medial prefrontal cortex induced by acceptable daily dose of aspartame.
. Acta Histochem. 2018 Jan;120(1):46-55. doi: 10.1016/j.acthis.2017.11.004.
- 18-Noorafshan A, Rafati A, **Karbalay-Doust S** Curcumin's effects on the reproductive and nervous systems.
. EXCLI J. 2017 May 15;16:712-713. doi: 10.17179/excli2017-338. eCollection 2017.
- 19-Noorafshan A, Vafabin M, **Karbalay-Doust S**, Asadi-Golshan R. Efficacy of Curcumin in the Modulation of Anxiety Provoked by Sulfite, a Food Preservative, in Rats.
Prev Nutr Food Sci. 2017 Jun;22(2):144-148. doi: 10.3746/pnf.2017.22.2.144.
- 20-Mahmoudi R, Honarmand Z, **Karbalay-Doust S**, Jafari-Barmak M, Nikseresht M, Noorafshan A. Using curcumin to prevent structural impairments of testicles in rats induced by sodium metabisulfite.
A. EXCLI J. 2017 Apr 24;16:583-592. doi: 10.17179/excli2017-143.
- 21-Mohamadpour M, Noorafshan A, **Karbalay-Doust S**, Talaei-Khozani T, Aliabadi E. Protective effects of curcumin co-treatment in rats with establishing chronic variable stress on testis and reproductive hormones.
Int J Reprod Biomed. 2017 Jul;15(7):447-452.
- 22-Rafati A, Jafarinezhad Z, **Karbalay-Doust S**, Hosseini L, Noorafshan A. Microscopic evaluation of the ventricular tissue using stereological and Voronoi tessellation methods: Application on doxorubicin-induced cardiotoxicity in rats.
. Micron. 2017 Oct;101:1-7. doi: 10.1016/j.micron.2017.05.004.
- 23-Noorafshan A, Karimi F, **Karbalay-Doust S**, Kamali AM. Using curcumin to prevent structural and behavioral changes of medial prefrontal cortex induced by sleep deprivation in rats.
EXCLI J. 2017 Apr 18;16:510-520. doi: 10.17179/excli2017-139. eCollection 2017

- 24-Rafati A, Noorafshan A, Jahangir M, Hosseini L, **Karbalay-Doust S**. Vitamin E can improve behavioral tests impairment, cell loss, and dendrite changes in rats' medial prefrontal cortex induced by acceptable daily dose of aspartame.
Acta Histochem. 2018 Jan;120(1):46-55. doi: 10.1016/j.acthis.2017.11.004.
- 25-Noorafshan A, Karimi F, Kamali AM, **Karbalay-Doust S**, Nami M. Restorative effects of curcumin on sleep-deprivation induced memory impairments and structural changes of the hippocampus in a rat model.
Life Sci. 2017 Nov 15;189:63-70. doi: 10.1016/j.lfs.2017.09.018.
- 26-Rafati A, Nourzei N, **Karbalay-Doust S**, Noorafshan A. Using vitamin E to prevent the impairment in behavioral test, cell loss and dendrite changes in medial prefrontal cortex induced by tartrazine in rats.
Acta Histochem. 2017 Mar;119(2):172-180. doi: 10.1016/j.acthis.2017.01.004.
- 27-Kamali AM, Noorafshan A, Karimi F, **Karbalay-Doust S**, Nami M. The Impact of Chronic Sleep Restriction on Neuronal Number and Volumetric Correlates of the Dorsal Respiratory Nuclei in a Rat Model.
Sleep. 2017 Aug 1;40(8). doi: 10.1093/sleep/zsx072.
- 28-Aminsharifi A, Hekmati P, Noorafshan A, **Karbalay-Doust S**, Nadimi E, Aryafar A, Hosseinabadi OK, Naseri MM, ZarePoor M.
Scrotal Cooling to Protect Against Cisplatin-induced Spermatogenesis Toxicity: Preliminary Outcome of an Experimental Controlled Trial.
Urology. 2016 May;91:90-8.
- 29- Noorafshan A, Motamedifar M, **Karbalay-Doust S**.
Estimation of the Cultured Cells' Volume and Surface Area: Application of Stereological Methods on Vero Cells Infected by Rubella Virus.
Iran J Med Sci. 2016 Jan;41(1):37-43.
- 30- Rafati A, Hoseini L, Babai A, Noorafshan A, Haghbin H, **Karbalay-Doust S**.
Mitigating Effect of Resveratrol on the Structural Changes of Mice Liver and Kidney Induced by Cadmium; A Stereological Study.
Prev Nutr Food Sci. 2015 Dec;20(4):266-75
- 31- Noorafshan A, Abdollahifar MA, **Karbalay-Doust S**, Asadi-Golshan R, Rashidian-Rashidabadi A.
Sertraline and curcumin prevent stress-induced morphological changes of dendrites and neurons in the medial prefrontal cortex of rats.
Folia Neuropathol. 2015;53(1):69-79.
- 32- Noorafshan A, Abdollahifar MA, **Karbalay-Doust S**.

Stress changes the spatial arrangement of neurons and glial cells of medial prefrontal cortex and sertraline and curcumin prevent it.

Psychiatry Investig. 2015 Jan;12(1):73-80.

33-Noorafshan A, Asadi-Golshan R, Abdollahifar MA, **Karbalay-Doust S.**

Protective role of curcumin against sulfite-induced structural changes in rats' medial prefrontal cortex.

Nutr Neurosci. 2015 Aug;18(6):248-55.

34-Noorafshan A, Asadi-Golshan R, Monjezi S, **Karbalay-Doust S.**

Sodium metabisulphite, a preservative agent, decreases the heart capillary volume and length, and curcumin, the main component of *Curcuma longa*, cannot protect it.

Folia Biol (Praha). 2014;60(6):275-80.

35- Noorafshan A, Pourahmad S, Sagheb MM, Dehghani Nazhvani A, Dehshahri A, Abdollahi M, Mohebbi Z, Keshtkaran Z, Ahmadi A, Kavousipour S, Farahmand F, Khorrami HR, Soltani R, **Karbalay Doust S.**

The students' intentions and satisfaction with the field of study and university.

J Adv Med Educ Prof. 2014 Oct;2(4):176-82.

36-Noorafshan A, Erfanizadeh M, **Karbalay-Doust S.** Stereological studies of the effects of sodium benzoate or ascorbic acid on rats` cerebellum.

Saudi Med J. 2014 Dec;35(12):1494-500.

37-Karimfar MH, Noorafshan A, Rashidiani-Rashidabadi A, Poostpasand A, Asadi-Golshan R, Abdollahifar MA, **Karbalay-Doust S.** Curcumin prevents the structural changes induced in the rats' deep cerebellar nuclei by sodium metabisulfite, a preservative agent.

Asian Pac J Trop Med. 2014 Sep;7S1:S301-5.

38-Noorafshan A, Abdollahifar MA, Asadi-Golshan R, Rashidian-Rashidabadi A, **Karbalay-Doust S.** Curcumin and sertraline prevent the reduction of the number of neurons and glial cells and the volume of rats' medial prefrontal cortex induced by stress.

Acta Neurobiol Exp (Wars). 2014;74(1):44-53.

39-Ghorbani N, **Karbalay-Doust S,** Noorafshan A. Is a Team-based Learning Approach to Anatomy Teaching Superior to Didactic Lecturing?

Sultan Qaboos Univ Med J. 2014 Feb;14(1):e120-5

40- Noorafshan A, Rashidiani-Rashidabadi A, **Karbalay-Doust S,** Poostpasand A, Abdollahifar MA, Asadi-Golshan R. Curcumin can prevent the changes in cerebellar structure and function induced by sodium metabisulfite in rat.

Exp Neurobiol. 2013 Dec;22(4):258-67.

41-Noorafshan A, Erfanizadeh M, **Karbalay-Doust S**. Sodium benzoate, a food preservative, induces anxiety and motor impairment in rats.

Neurosciences (Riyadh). 2014 Jan;19(1):24-8.

42-Noorafshan A, **Karbalay-Doust S**, Khazraei H, Rafati A, Mirkhani H. Spatial arrangement of the heart structure: Application of second-order stereology in diabetic rats.

Ann Anat. 2014 Jan;196(1):20-5

43-Noorafshan A, Ahmadi M, Mesbah SF, **Karbalay-Doust S**. Stereological study of the effects of letrozole and estradiol valerate treatment on the ovary of rats.

Clin Exp Reprod Med. 2013 Sep;40(3):115-21.

17-Noorafshan A, Abdollahifar MA, **Karbalay-Doust S**, Asadi-Golshan R, Rashidian-Rashidabadi A. Protective effects of curcumin and sertraline on the behavioral changes in chronic variable stress-induced rats.

Exp Neurobiol. 2013 Jun;22(2):96-106.

44- Noorafshan A, **Karbalay-Doust S**, Karimi F.

Diosmin reduces calcium oxalate deposition and tissue degeneration in nephrolithiasis in rats: a stereological study.

Korean J Urol. 2013 Apr;54(4):252-7.

45-Dehghani F, Hassanpour A, Poost-Pasand A, Noorafshan A, **Karbalay-Doust S**. Protective effects of L-carnitine and homogenized testis tissue on the testis and sperm parameters of busulfan-induced infertile male rats.

Iran J Reprod Med. 2013 Sep;11(9):693-704.

46-Noorafshan A, Asadi-Golshan R, **Karbalay-Doust S**, Abdollahifar MA, Rashidiani-Rashidabadi A.

Curcumin, the main part of turmeric, prevents learning and memory changes induced by sodium metabisulfite, a preservative agent, in rats.

Exp Neurobiol. 2013 Mar;22(1):23-30.

47-Noorafshan A, Khazraei H, Mirkhani H, **Karbalay-Doust S**.

Stereological study of the diabetic heart of male rats.

Lab Anim Res. 2013 Mar;29(1):12-8

48-Noorafshan A, **Karbalay-Doust S**, Poorshahid M. Stereological survey of the ameliorative effects of sulforaphane and quercetin on renal tissue in unilateral ureteral obstruction in rats.

Acta Clin Croat. 2012 Dec;51(4):555-62.

49-Noorafshan A, Hoseini L, **Karbalay-Doust S**, Nadimi E. A simple stereological method for estimating the number and the volume of the pancreatic beta cells.
JOP. 2012 Jul 10;13(4):427-32.

50-Karbalay-Doust S, Noorafshan A

Stereological estimation of ovarian oocyte volume, surface area and number: application on mice treated with nandrolone decanoate.

Folia Histochem Cytobiol 2012

51-Ali Noorafshan, **Saied Karbalay-Doust S**.

Curcumin Protects the Seminal Vesicles from metronidazole -induced Reduction of Secretion in Mice

*ACTA MEDICA (Hradec Králové)*2012

52-Ali Noorafshan, Leila Hoseini-Khoram Abadi, **Saeid Karbalay-Doust**, Elham Nadimi, A Simple Stereological Method for Estimating the Number and Volume of the Pancreatic Beta cells

*JOP Journal of the Pancreas*2012

53- **Karbalay-Doust S**, Noorafshan A, Pourshahid SM.

Taxol and taurine protect the renal tissue of rats after unilateral ureteral obstruction: a stereological survey.

Korean J Urol. 2012

54- Noorafshan A, Shariat K, **Karbalay-Doust S**, Omidi A.

Rosiglitazone ameliorates the histological parameters of the dorsal root ganglion and functional assessment after sciatic nerve injury in the rat.

Acta Neurochir (Wien). 2012

55- **Karbalay-Doust S**, Noorafshan A. Ameliorative Effects of Curcumin on the Spermatozoon Tail Length, Count, Motility and Testosterone Serum Level in Metronidazole-treated Mice.

*Prague Med Rep*2011

56-Ali Noorafshan, Mohammad Motamedifar, **Saied Karbalay-Doust**.

Volume and surface changes in vero cell and its nucleus after infection with measles virus: a stereological study

Microbiology Research 2011

57-Ali Noorafshan , Ameneh Omidi, **Saied Karbalay-Doust**

Curcumin protects the dorsal root ganglion and sciatic nerve after crush in rat

Pathology-Research and practice 2011

58-Ali Noorafshan¹, Khatoon Shariat, **Saied Karbalay-Doust**, Ameneh Omid
Rosiglitazone protects the dorsal root ganglion cells and sciatic nerve after crush in rat
Folia Neuropathologica 2011

59-Noorafshan A, Omid A, **Karbalay-Doust S**, Elham Aliabadi, Dehghani F
Effects of curcumin on the dorsal root ganglion structure and functional recovery after
sciatic nerve crush in rat.
Journal of Micron, 2011

60- Dehghani F, Namavar MR, Noorafshan A, **Karbalay-Doust S**, Esmailpour T.
Evaluation of the kidney extract on the gentamicin induced nephrotoxicity in rat.
Kidney research journal .2011

61-Noorafshan A, **Karbalay-Doust S**, Valizadeh A, Elham Aliabadi
Ameliorative effects of curcumin on the structural parameters of seminiferous tubules and
Leydig cell in metronidazole-treated mice: a stereological study
Experimental and Toxicology Pathology.2010

62-**Karbalay-Doust S**, Noorafshan A, Dehghani F, Panjehshahin MR, Monabati A.
Effects of Hydroalcoholic Extract of *Matricaria chamomilla* on Serum Testosterone and
Estradiol Levels, Spermatozoon Quality, and Tail Length in Rat.
Iranian Journal of Medical Sciences 35(2).2010

63- Dehghani F, Zabolizadeh J, Noorafshan A, Panjehshahin MR, **Karbalay-Doust S**.
Protective Effect of Brewer's yeast On Methimazole –Induced-Adrenal Atrophy (A
Stereological Study).
Tokai Exp-clin Med 35 (1).2010

64-Shirazi M, Noorafshan A, **Karbalay-Doust S**, Ardeshiri M, Afrasiabi MA, Monabati A
Comparison of the protective effects of papaverine, lidocaine and verapamil on the sperm
quality of the testis after induced torsion-duotorsion in rats
Scandinavian Journal of Urology and Nephrology.2010

65-Noorafshan A, **Karbalay-Doust S**, Valizadeh A, Elham Aliabadi, Mirkhani H
Ameliorative Effects of Curcumin on the Seminiferous Epithelium in Metronidazole-
Treated Mice: A Stereological Study
Toxicol Pathol.2010

66-Ghanbari A, Mesbah S.F, Namavar M.R., Khademi B, **Karbalay-doust S**,
Communication between External and Recurrent Laryngeal Nerves in Human by using
Dissection Method in Shiraz Medical School.
Journal of Iranian Anatomical Sciences, Vol 7, summer 2009, Pages: 73-79

67-Ghanbari A, Mesbah S.F, Namavar M.R., Khademi B, **Karbalay-doust S**,
Comparison of marking change in neural cells detection protocol on superior laryngeal
nerve in dog .

68- Noorafshan A, Karbalay-doust S.

A simple method for unbiased estimating of ejaculated sperm tail length in subjects with normal and abnormal sperm motility.

Journal of Micron. 2009

69- Karbalay-doust S, Noorafshan A.

Anti-ulcerogenic effects of the extract of *matricaria chamomilla* in experimental gastric ulcer mice.

Iranian Journal of Medical Sciences. 2009;34(3):198-203

70- Aminsharifi A, Shakeri S, Ariafar A, Moeinjahromi B, Kumar PV, Karbalaee doost S.

Preventive role of exogenous testosterone on cisplatin –induced gonadal toxicity: An experimental placebo- controlled prospective trial.

Journal of Fertil Steril. 2009 Apr 9

71- Karbalay-Doust S, Noorafshan A.

Stereological study of the effects of nandrolone decanoate on the mouse liver

Journal of Micron. 2009

72- Hoseini L, Roozbeh J, Sagheb M, Karbalay-Doust S, Noorafshan A.

Nandrolone decanoate increases the volume but not the length of the proximal and distal convoluted tubules of the mouse kidney.

Journal of Micron. 2008 Sep 11

73- Mesbah SF, Shokri S, Karbalay-Doust S, Mirkhani H.

Effects of nandrolone decanoate on ultrastructure of testis in male adult rats.

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