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Veterinarian, Physiologist

Assistant professor of Semnan University

*** Personal Data:**

Date & Place of Birth: 29/08/1969, Tehran

*Address: Department of Basic Sciences, Faculty of Veterinary Medicine,
Semnan University, Semnan, Iran*

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***Education:**

1999-2005:

*Doctor of Veterinary Science (DVSc, Ph.D) in Physiology, Faculty of Veterinary Medicine,
University of Tehran, Tehran, Iran*

Thesis title: The Effect of Central Ionotropic Glutamate Receptors on Feed Intake in Broiler Cockerels

1988-1994:

*Doctor of Veterinary Medicine (DVM), Faculty of Veterinary Medicine,
University of Tehran, Tehran, Iran*

Thesis title: Biochemical Study of HIV

***Academic Experiences:**

2010-present:

Faculty member of Semnan University, Semnan, Semnan, Iran

1995-2010:

Faculty member of Islamic Azad University Damghan Branch, Damghan, Semnan, Iran

*** Research Backgrounds & Interests:**

Experimental researches in Neuroscience, Cancer and Cardiac failure

***Publications:**

1- The Effectiveness of Tymasin Plus on Experimentally Cerebral Ischemia Induced Spatial and Passive Avoidance Memory and Learning Impairment, 2020, journal of clinical psychology

2- Protective Effect of Flunixin meglumin on Changes Induced by Isoproterenol in Serum Biochemical Profile, Malondialdehyde and Heart Histology of Adult Male Rats, 2019, Iranian Journal of Toxicology

3- Comparison of Sialic acid concentration between retained fetal membrane and healthy Holstein dairy cows, 2019, journal of Veterinary Clinical Pathology

4- Effect of Midazolam-Ketamine on Renal Artery and Aorta Resistive and Pulsatility Indices in Cats by Pulse Wave Doppler Ultrasonography, 2018, Onl J Vet Res.

5- Data for zonisamide effect on length and weight of 14 day-old rat pups and abortion rate and day in refractory epileptic pregnant rats, 2018, Data in Brief

6- Effect of zonisamide on refractory epilepsy during pregnancy in lamotrigine resistant kindled rats, 2018, Neuroscience Letters

7- The Interferential Effect of Thymus vulgaris Extract and Flunixin meglumine on Visceral Pain in Mice: Experimental study, 2017, Journal of Anesthesiology and Pain

8- The Synergistic Effect of Thymus vulgaris and Matricaria Chamomilla

extracts on visceral pain in mice: Experimental study, 2017, Journal of Anesthesiology and Pain

9- Evaluation of the protective effect of Pentoxifylline on carrageenan-induced chronic non-bacterial prostatitis in rats, 2017, INFLAMMOPHARMACOLOGY

10- The experimental study on effect the extract of Commiphora mukul on visceral pain in mice, 2017, Journal of Anesthesiology and Pain

11- The effect of hydroalcoholic extract of Ferula gummosa on visceral pain in mice: Experimental study, 2016, Journal of Anesthesiology and Pain

12- Effects of different concentration of Zattariamultiflora essence on immunity system of broilers, 2016, koomesh

13- Study of Analgesic Effect of Hydroalcoholic Extract Olive Leaf (Olea europaea) in Mice, 2014, Experimental Animal Biology

14- A Comparative Effect of Mash and Pellet Feed with Different Pelleting Temperature on Blood Metabolites, 2014, International journal of Advanced Biological and Biomedical Research

15- Motor disturbances and thalamic electrical power of frequency bands improve by grape seed extract in animal model of Parkinson's disease, 2012, Avicenna Journal of phytomedicine

- 16- *Protective effects of saffron extract against consolidation Impairment memory induced by magnetic field in rats, 2012, Iranian Journal of Biomedical Engineering*
- 17- *Effect of Flunixin on Ovarian Cancer Induced by DMBA in Wistar Rat, 2012, Knowledge and Health*
- 18- *Effect of Splenectomy on PTZ induced Epilepsy in Wistar Rat, 2012, Knowledge and Health*
- 19- *Effect of Intracerebroventricular Injection of Alcoholic Extract of Hawthorn (Crataegus melano carpa) Leaves on Fear Behavior in Presence PTZ in Adult Male Rat, 2012, Journal of Medical Plants*
- 20- *Effect of Ketoprofen on Ovarian Cancer Induced by DMBA in Female Rat, 2011, Journal of North Khorasan University of Medical Sciences*
- 21- *Effect of Thymus Vulgaris hydro-alcoholic extraction on DMBA induced prostate cancer in Wistar rat, 2011, Journal of Research in Medical Sciences*
- 22- *Effect of intracerebroventricular injection of olive leaf extract on PTZ-induced seizures in male rats, 2011, Physiology and Pharmacology*
- 23- *Effect of Garlic (Allium sativum) on Hematological Parameters and Plasma Activities of ALT and AST of Rainbow trout in Temperature Stress, 2011, Australian journal of Basic and Applied Sciences*
- 24- *Effect of intracerebroventricular injection of flunixin meglumine on PTZ-induced seizures in male rats, 2010, Physiology and Pharmacology*
- 25- *Effect of intracerebroventricular injection of COX-1 inhibitor (ketoprofen) on PTZ-induced seizures in male rat, 2010, Physiology and Pharmacology*
- 26- *Interaction of Intraperitoneal Injection of Extract of Foeniculum vulgare Fruit and Morphine in Mice, 2010, Journal of Animal Biology*
- 27- *The Effect of Astrocytic S100B Protein on Memory Consolidation in Rats, 2010, Physiology and Pharmacology*
- 28- *Effect of Flunixin as a Cox Inhibitor on Prevention and Cure of Breast Cancer in Female Wistar Rat, 2010, Journal of Gonabad University of Medical Sciences and Health Services*
- 29- *Effect of Intracerebroventricular Injection of Alcoholic Extract of Hypericum Perforatum on Fear Behavior in Adult Male Rat, 2010, Journal of Ilam University of Medical Sciences*
- 30- *The Effect of Electromagnetic Field (50HZ) on Gonads and Sex Hormone Levels in Male NMRI Mice, 2009, Veterinary Research*
- 31- *Study of IP Injection of Foeniculum vulgare MILL Seed Aqua Extract on Spermatogenesis and Histologic changes of Testis in Male Wistar Rats, 2009, Journal of Animal Biology*

- 32- Study of IP Injection of Foeniculum vulgare MILL Seed Aqua Extract on Gonadotropin and Testosterone in Male Wistar Rats, 2009, Journal of Animal Biology**
- 33- Comparison of pain behavior responses in two peripheral neuropathic models in rat, 2008, Physiology and Pharmacology**
- 34- Effect of Intracerebroventricular Injection of Origanum majorana Extract on PTZ Induced Epilepsy in Male Wistar Rat, 2008, Biology Journal of Islamic Azad University , Garmsar Branch**
- 35- Effect of Cox inhibition on PTZ induced Anxiety in Rat, 2008, Biology Journal of Islamic Azad University , Garmsar Branch**
- 36- Effect of Lavandula officinalis Extract on PTZ induced Epilepsy in Male Wistar Rat, 2008, Biology Journal of Islamic Azad University , Garmsar Branch**
- 37- Study of ICV Injection of Achillea millefolium Extract on PTZ induced Epilepsy in Male Wistar Rat 2007, Biology Journal of Islamic Azad University , Garmsar Branch**
- 38- Antiandrogenic Effect of Rosmarinus officinalis Extract in Male Rat, 2007, Tehran University Medical Journal**
- 39- Comparative Studies of the Electrocardiographic Parameters and Mean Electrical Axes of the Ventricles in two Normal and Experimentally Ascitic (using T3 model) Groups of Broilers, 2003, International Journal of Veterinary Research**

***Congress Presentations:**

- 1- The effect of Zonisamide on Pregnancy and Risk of Brain Malformation on Lamotrigine-Resistant Kindled Pregnant Rats & Their Newborns, 2017, 13th International Epilepsy Congress**
- 2- Anti-anxiety Effect of Aqueous Extract of Cistanche Tubulosa in Mice, 2016, 3rd International Congress of Veterinary Pharmacology & Pharmaceutical Sciences**
- 3- The Effect of Zonisamide on Lamotrigine Resistant Kindled Rats During Pregnancy, 2016, The second international Rasavi Epilepsy congress**
- 4- Effect of hyperthyroidism on histopathology of airway in an allergic animal model, 2016, 3rd International Congress of Veterinary Pharmacology & Pharmaceutical Sciences**
- 5- Effect of administration of safranal on prevention of experimental autoimmune encephalomyelitis(EAE), 2012, 48th Congress of the European Societies of Toxicology**
- 6- Dextromethorphan and grape seed extract improve motor dysfunction in animal model of Parkinson's disease, 2011, 20th Iranian Congress of Physiology and Pharmacology**

- 7- Movement dysfunctions and brain electrical power were improved by natural and synthetic antioxidants in animal model of Parkinson's disease, 2011, 20th Iranian Congress of Physiology and Pharmacology**
- 8- The effect of intracerebroventricular injection of flunixin meglumine on PTZ-induced seizure in male rat, 2010, 2ND EAST MEDITERRANEAN EPILEPSY CONGRESS**
- 9- The Effect of Intra-hippocampal(CA1) Injection of Testosterone on Acquisition, Consolidation and Retrieval In Morris Water Maze, 2009, 19th Iranian Congress of Physiology and Pharmacology**
- 10- Effect of Intra-hippocampal Infusion of S100B Protein on Learning in Male Rats, 2009, 19th Iranian Congress of Physiology and Pharmacology**
- 11- Effect of alcoholic extract of hypericum perforatum on fear behavior in adult male rats, 2009, 9th world congress of biological psychiatry**
- 12- The Effect of Intracerebroventricular Administration of Myristica fragrans Seed Extract on Fear Behavior in Adult male Rats, 2009, 12-th Multidisciplinary International Neuroscience & Biological Psychiatry Conference "Stress & Behavior"**
- 13- The Study of Crocin and Safranal Effects on Preventive and Treatment of EAE, 2008, 9th Iranian Congress of Immunology and Allergy**
- 14- A Review of Breast Pain, 2008, 3rd International Breast Cancer Congress**
- 15- Effect of central ionotropic glutamate receptors on food intake in broiler cockerels, 2008, 23th worlds poultry congress**
- 16- Antiandrogenic Effect of Rosmarinus officinalis Extract in Male Rat, 2007, 18th Iranian Congress of Physiology and Pharmacology**
- 17- Effect of Crocus sativus ethalonic Extract Administration in Brain of Rat on Fear Behavior, 2007, 18th Iranian Congress of Physiology and Pharmacology**
- 18- Effects of nitric oxide synthase inhibition in the CA1 region of rat hippocampus on spatial learning, 2007, 18th Iranian Congress of Physiology and Pharmacology**
- 19- The effect of testosterone and Flutamide on spatial learning and memory in dentate Gyrus in adult male rats, 2007, 18th Iranian Congress of Physiology and Pharmacology**
- 20- The Effect of Interaction Between Testosterone and Bicucullin in CA1 Region Of Hippocampus on Spatial Learning and Memory in Adult Male Rat, 2007, 18th Iranian Congress of Physiology and Pharmacology**
- 21- Study of pain behaviors in two peripheral neuropathic models(SNI ,CCI) in rat, 2007, 18th Iranian Congress of Physiology and Pharmacology**

22- Electrocardiographic Finding in Experimentally Induced Ascites in Broilers and its Comparison with Healthy Chicks, 2000, First Iranian Congress of Veterinary Basic Sciences

***Patents:**

1- The process of achieving drug combination by using ketoprofen and olive oil for the treatment of ovarian cancer, 2011, Iran

2- Achieving drug combination for treating prostate cancer by using Thmus vulgaris extract, 2011, Iran

3- The process of achieving drug combination by using flunixin meglumine and olive oil for the treatment of ovarian cancer, 2011, Iran

4- Achieving drug combination for the prevention and treatment of MS disease by using crocin and safranal, 2008, Iran

5- Preventive and therapeutic effects of Flunixin on Breast Cancer in Rats, 2008, Iran

***positions:**

2011-2015: Major member of the jury of Semnan University

2011-2015: Member of the cultural and Social Council of Semnan University

2012-2014: Head of the Coordination Council for Cultural Activities of Universities and Higher Education Institutions of Semnan Province

2012-2014: Cultural and Social deputy of Semnan University

2011-2014: Member of the Semnan University Council

2009: Research deputy of islamic azad university, Damghan Branch

2008: Scientific secretary of the regional conference of biological sciences at Islamic Azad University, Damghan Branch

1995: Director of Research Affairs at Islamic Azad University, Damghan Branch

