

Curriculum Vitae

Azam Moslehi

Associate Professor of Medical Physiology

Department of Physiology & Pharmacology, Faculty of Medicine, Qom University of Medical Sciences

E-Mail: moslehi2000@gmail.com, amoslehi@muq.ac.ir

Education (academic degrees):

B. Sc. Midwifery, Iran University of Medical Sciences, Tehran, Iran

M. Sc. Medical physiology, Tehran University of Medical Sciences, Tehran, Iran

Ph.D. Medical Physiology, Tehran University of Medical Sciences, Tehran, Iran

M. Sc. Thesis:

Effect of traffic noise on basal and stimulated gastric acid and pepsin secretion in rat

PhD Thesis:

Evaluation of the role of endogenous opioid system in Non alcoholic steatohepatitis(NASH) induced in mice

Educational experiences:

Teaching of physiology to Master students of toxicology, Tehran

Teaching of physiology to Master students of medicine engineering, Tehran

Teaching of physiology to nursing students, Qom

Teaching of physiology to health students, Qom

Teaching of physiology to midwifery students, Qom

Teaching of cell physiology to medicine students, Qom

Teaching of circulation physiology to medicine students, Qom

Teaching of gastrointestinal physiology to medicine students, Qom

Teaching of neurophysiology to medicine students, Qom

Publications:

Book:

Delivery in home, 2001

Articles:

- 1- Traffic noise exposure increases gastric acid secretion in rat. *Acta Medica Iranica*, (2010)
- 2- Naltrexone attenuates endoplasmic reticulum stress induced hepatic injury in mice. *Acta Physiologica Hungarica*, (2014)
- 3- Protective Effect of Ghrelin on Isoniazid-induced Liver Injury in Rat, *Journal of Stress Physiology & Biochemistry*, (2013)
- 4- Protective Effect of Ghrelin on Sodium Valproate-induced Liver Injury in Rat, *Journal of Stress Physiology & Biochemistry* (2013)
- 5- Protective Effect of Ghrelin in a Rat Model of Celiac Disease, *Acta Physiologica Hungarica* (2014)
- 6- Traffic noise exposure increases gastric pepsin secretion in rat. *Acta Medica Iranica*, (2015)
- 7- The effect of progesterone and 17- β estradiol on membrane- bound HLA-G in adipose derived stem cells, (2015)
- 8- Chlorogenic acid inhibits growth of 4T1 breast cancer cells through involvement in Bax/Bcl2 pathway
- 9- Effect of short-term and long-term traffic noise exposure on the thyroid gland in adult rats: A sexual dimorphic study

- 10- The protective effects of rosmarinic acid on ethanol-induced gastritis in male rats: Antioxidant defense enhancement
- 11- Attenuating effects of allantoin on oxidative stress in a mouse model of nonalcoholic steatohepatitis: role of SIRT1/Nrf2 pathway
- 12- Tropisetron improves pancreas function and increases insulin synthesis and secretion in the STZ-induced diabetic rats: involvement of UCP2/ZnT8 pathway
- 13- Tropisetron attenuates pancreas apoptosis in the STZ-induced diabetic rats: involvement of SIRT1/NF- κ B signaling
- 14- Chlorogenic acid induces 4T1 breast cancer tumor's apoptosis via p53, Bax, Bcl-2, and caspase-3 signaling pathways in BALB/c mice
- 15- SIRT1/NF κ B pathway mediates anti-inflammatory and anti-apoptotic effects of rosmarinic acid on in a mouse model of nonalcoholic steatohepatitis (NASH)
- 16- Tropisetron improved testicular inflammation in the streptozotocin-induced diabetic rats: The role of toll-like receptor 4 (TLR4) and mir146a
- 17- Allantoin ameliorated liver fibrosis in a mouse model of nonalcoholic steatohepatitis: role of nuclear factor kappa B/ cyclooxygenase 2/prostaglandin E2 pathway
- 18- Chlorogenic acid alleviated testicular inflammation and apoptosis in tunicamycin induced endoplasmic reticulum stress
- 19- AVICENNAS PERCEPTION OF BLOOD PROPERTIES COMPARED WITH CURRENT BIOMEDICAL KNOWLEDGE
- 20- Protective Effects of Allantoin on Neural Cells of Hippocampal CA1 Region and Cognitive Function in a Mouse Model of Temporal Lobe Epilepsy
- 21- Antioxidant effects of amygdalin on tunicamycin-induced endoplasmic reticulum stress in the mice liver: Cross talk between endoplasmic reticulum stress and oxidative stress
- 22- Allantoin improves methionine-choline deficient diet-induced nonalcoholic steatohepatitis in mice through involvement in endoplasmic reticulum stress and hepatocytes apoptosis-related genes expressions
- 23- Combination effect of voluntary exercise and garlic (*Allium sativum*) on oxidative stress biomarkers and lipid profile in healthy rats
- 24- Allantoin improves histopathological evaluations in a rat model of gastritis
- 25- Role of SREBPs in liver diseases: A mini-review
- 26- Naltrexone changes the expression of lipid metabolism-related proteins in the endoplasmic reticulum stress induced hepatic steatosis in mice

- ۲۷- بررسی نقش رزمارینیک اسید بر فیروز کبدی ناشی از بیماری استئاتوهپاتیت غیرالکلی القا شده در موش های سوری نر
- ۲۸- بررسی اثرات دوره های مختلف آلودگی صوتی ناشی از ترافیک بر تغییرات غلظت هورمون های اپی نفرین، نوراپی نفرین و کورتیکوسترون سرم در موش های صحرائی نر
- ۲۹- بررسی اثرات حفاظتی رزمارینیک اسید بر تغییرات التهابی سلولهای کبد در مدل استئاتوهپاتیت غیر الکلی در موش سوری نر: تأکید بر نقش مسیر سیکلواکسیژناز ۲ / پروستاگلندین E2
- ۳۰- بررسی اثر رزمارینیک اسید بر کاهش استرس شبکه اندوپلاسمی در موشهای سوری نر مبتلا به استئاتوهپاتیت غیر الکلی
- ۳۱- بررسی اثر آمیگدالین بر سلولهای سرطانی ملانوما در مقایسه با سلولهای سالم پوست

Congres :

- 1- Evaluation of the role of endogenous opioid system in Non alcoholic steatohepatitis, Iranian congress of physiology & pharmacology, 2013
- 2- Traffic noise exposure increases gastric pepsin secretion in rat. Iranian congress of physiology & pharmacology, 2011
- 3- Traffic noise exposure increases gastric acid secretion in rat. Iranian congress of physiology & pharmacology, 2009
- 4- Antioxidant and anti-inflammatory effects of rosmarinic acid as an herbal product and food supplement. International conference on interdisciplinary studies in food industry and nutrition science of iran, 2023
- 5- Chlorogenic acid as a food and drug supplement in the prevention and treatment of diseases. International conference on interdisciplinary studies in food industry and nutrition science of iran, 2023
- 6- Effects of caffeine on memory, feeling, alertness and other brain functions a new suggestion for strock patients. 12th Iranian congress of strock, 2020
- 7- Chlorogenic acid improved liver and lung metastasis in the mice with breast cancer. 4th International and 25thIranian congress of physiology and pharmacology, 2021

Awards:

- 1- The first researcher in faculty of medicine, 2019
- 2- The third researcher in faculty of medicine, 2017
- 3- Most cited article award in Journal of clinical and translational hepatology, 2020
- 4- Top cited article 2021-2022 in Journal of biochemical and molecular toxicology

Execution of Work Shop:

Handling of Laboratory Animals, (2013)

References:

1. **Fatemeh Nabavizadeh**, Professor of Physiology, School of Medicine, Tehran University of Medical Sciences, Tehran, Iran
E-mail: Nabavizadeh2000@yahoo.com