In the name of God



Curriculum Vitae

Dr. Akbar Anaei Goudari

Professor of Physiology

Afzalipour Faculty of Medicine, Kerman University of Medical Sciences, Kerman, Iran.

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Educational Degree

BSc Biology (**1995**), Shahid Bahonar University of Kerman, Kerman, Iran

MSc Physiology (**2002**), Tarbiat Modares University, Tehran, Iran

Thesis title: Effect of REM sleep deprivation on anticonvulsant effects of adenosine A1 receptors of entorhinal cortex in amygdala- kindled rats

Ph.D Physiology (**2015**), Mashhad University of Medical Sciences, Mashhad, Iran

Thesis title: The role of inducible and neuronal nitric oxide synthase on lipopolysaccharide-induced memory impairment in male rats

Teaching Experiences

Teaching Physiology for students of Medicine, Nursing, Midwifery, Laboratory Sciences, Anesthesia and Operating Room

Research Technical Skills

1. Field Potential Recording
2. Kindling (Electrical and Chemical)
3. Learning and memory tests (Morris water, Elevated plus maze, Open field, Passive avoidance)

Research Interest Keywords

1. Learning and Memory
2. Oxidative stress
3. Inflammation
4. Apoptosis

Academic Membership

Membership of Iranian Physiology and Pharmacology Society

Awards and Honors

1. **Top student** in Mashhad Student of Medical Sciences, 2015
2. **Top teacher** in Jiroft University of Medical Sciences
2. **Top researcher** in Jiroft University of Medical Sciences (4 times)

Publication

Full Paper Published in Peer-reviewed Journals

In English (from the most recent)

Reza Nosratabadi, Siyavash Joukar, Gholamreza Sepehri, **Akbar Anaeigoudari (corresponding author).** A narrative review of therapeutic potential of cedrol and its intracellular signaling. Avicenna Journal of Phytomedicine. 2026; e28167

Fatemeh Mohammadi Henjeroei, Niloufar Nosratabadi, Hossein Pourghadamyari, **Akbar Anaeigoudari**, Farnaz Sedghy, Reza Nosratabadi. Neutrophils in Coronavirus Disease 2019: Guardians or Triggers of Immunopathology? 2026; 44(2), e70186.

Salman Daneshi Shima Groohi-sar, **Akbar Anaeigoudari**, Vahid Rahmanian, Reza Faryabi, Najmeh Ghasemian, Ehsan Goroei Sardou. Patient-initiated Discharge from Emergency Departments and the Related Factors in Jiroft, South of Iran. Journal of Holistic Nursing and Midwifery. 2026; 36(1), 46-63.

Mahmoud Hosseini, Fatemeh Forouzanfar, Farimah Beheshti**, Akbar Anaeigoudari (corresponding author).** Cedrol Improved Liver and Kidney Injuries in Lipopolysaccharide-Exposed Rats. Advanced Biomedical Research. 2025; 14(170), 1-6.

Akbar Anaeigoudari, Fatemeh Mashayekhi. Therapeutic effects of crocin: A review of recent studies. Asian Pacific Journal of Tropical Biomedicine. 2025, 15(10), 399-406.

Seyed Hamidreza Rastegar-Moghaddam, Zahra Kiumarsi, Alireza Mirani, Mahdieh Mortazavi, Farimah Beheshti, Alireza Ebrahimzadeh-Bideskan, **Akbar Anaeigoudari (corresponding author),** Mahmoud Hosseini. Aminoguanidine improved liver function and attenuated oxidative stress in hypothyroid rats by propylthiouracil. Advanced Biomedical Research. 2025; 14(64), 1-7.

Akbar Anaeigoudari. A Narrative Review of Protective Effects of Natural Compounds Against Lipopolysaccharide-Induced Injuries. Food Science & Nutrition. 2025; 13(2), e70026.

Faezeh SH Kakhki, Amir Asghari, Zahra Bardaghi, **Akbar Anaeigoudari**, Farimah Beheshti, Hossein Salmani, Mahmoud Hosseini. The Antidiabetic Drug Metformin Attenuated Depressive and Anxiety-like Behaviors and Oxidative Stress in the Brain in a Rodent Model of Inflammation Induced by Lipopolysaccharide in Male Rats. Endocrine, Metabolic & Immune Disorders-Drug Targets. 2024; 24(13), 1525-1537.

Ehsan Goroohi Sardu, **Akbar Anaeigoudari**, Asma Amiri Domari, Rasoul Raesi, Kiavash Hushmandi, Saeed Farsei, Salman Daneshi. The Open Public Health Journal. Association between Serum Electrolyte Levels and Consciousness in ICU Patients: A Cross-sectional Study. 2024; 17(1), 1-10.

Zeinab Hosseini, Farimah Beheshti, Faezeh Sadat Hosseini Kakhki, Mahmoud Hosseini, **Akbar Anaeigoudari (corresponding author).** Sodium nitroprusside restored lipopolysaccharide-induced learning and memory impairment in male rats via attenuating inflammation and oxidative stress. Physiological Reports. 2024; 12(11), e16053.

Akbar Anaeigoudari, Rasoul Raesi, Seyyedeh Mona Taghdisi Heydarian, Leila Mohammadnahal, Salman Daneshi, Asma Amiri Domari, Ali Jamali, Shiva Kargar. Determining the Type and Frequency of Prescribed Antibiotics in Patients Admitted to the Infectious Department of Imam**.** The Open Public Health Journal. 2024; 17(1), 1-9.

Akbar Anaeigoudari. Therapeutic effects of Coriandrum sativum extracts: A review. Asian Pacific Journal of Tropical Biomedicine. 2024; 14 (5), 181-186.

Mohammad Reza Khazdair, Mozhgan Moshtagh, **Akbar Anaeigoudari**, Shima Jafari, Toba Kazemi. Protective effects of carvacrol on lipid profiles, oxidative stress, hypertension, and cardiac dysfunction–A comprehensive review. Food Science & Nutrition. 2024; 12 (5), 3137-3149.

Akbar Anaeigoudari, Fatemeh Seyedi, Razieh Kooshki, Mohadeseh Poran, Mahnaz Zamyad, Mehdi Abbasnejad. Methyl jasmonate modulates feeding behaviors and hypothalamic expression of the orexin 1 receptor in rats. Turkish Journal of Pharmaceutical Sciences. 2024; 20(6): 374–379.

Reza Nosratabadi, Fatemeh Anaeigoudari, **Akbar Anaeigoudari (Corresponding author).** Therapeutic potential of Zataria multiflora: A narrative review of current evidence. Asian Pacific Journal of Tropical Biomedicine. 2023; 13(11): 451-459.

Zohreh Arab, Hossein Salmani, Narges Marefati, Farimah Beheshti, **Akbar Anaeigoudari (Corresponding author)**, Farzaneh Shakeri, Narges Tajmazinani, Mahmoud Hosseini. Protective effects of hydro-alcoholic extract of Zataria multiflora on lipopolysaccharide-induced inflammation and oxidative stress in rat liver. Avicenna J Phytomed. 2023; 13(5): 531–540.

Fatemeh Anaeigoudari, **Akbar Anaeigoudari (Corresponding author)**, Aliasghar Kheirkhah-Vakilabad. A review of therapeutic impacts of saffron (Crocus sativus L.) and its constituents. Physiol Rep. 2023; 11(5): e15785

Mahmoud Hosseini, Zohreh Arab, Farimah Beheshti, **Akbar Anaeigoudari**, Farzaneh Shakeri, Arezoo Rajabian**.** Zataria multiflora and its constituent, carvacrol, counteract sepsis-induced aortic and cardiac toxicity in rat: Involvement of nitric oxide and oxidative stress. Animal Model Exp Med. 2023; 6(3):221-229

Mahmoud Hosseini, Farimah Behehsti , Narges Marefati, **Akbar Anaeigoudari (Corresponding author).** Nano-selenium relieved hepatic and renal oxidative damage in hypothyroid rats. Physiol Rep. 2023; 11(9): e15682

The effects of vitamin D on cardiovascular damage induced by lipopolysaccharides in rats. Narges Marefati, Farimah Beheshti, **Akbar Anaeigoudari**, Fatemeh Alipour, Reyhaneh Shafieian, Fatemeh Akbari, Maryam Pirasteh, Maryam Mahmoudabady, Hossein Salmani, Sara Mawdodi10, Mahmoud Hosseini. J Cardiovasc Thorac Res, 2023; 15(6): 106-115.

Akbar Anaeigoudari. Antidepressant and anti-nociceptive effects of Nigella sativa and its main constituent, thymoquinone: A literature review. Asian Pacific Journal of Tropical Biomedicine, 2022; 12(12): 495-503.

Somaieh Mansouri, Mahmoud Hosseini, Fatemeh Alipour, Farimah Beheshti, Hassan Rakhshandeh, Abbas Mohammadipour, **Akbar Anaeigoudari (Corresponding author),**, Mohammad Jalili-Nik, Mohammad Reza Khazdair, Amirali Jahani. Neuroprotective effects of the fractions of Ocimum basilicum in seizures induced by pentylenetetrazole in mice. Avicenna Journal of Phytomedicine, 2022;12(6):614-626.

Ali akbar Mariki, **Akbar Anaeigoudari (Corresponding author),** Mahboobeh Zahedifar, Behjat Pouramiri, Adileh Ayati, Safa Lotfi**.** Design, green synthesis, and biological evaluation of new

substituted tetrahydropyrimidine derivatives as acetylcholinesterase inhibitors. Polycyclic Aromatic Compounds, 2022; 42(8):5231-5241.

Akbar Anaeigoudari. Hepato-and reno-protective effects of thymoquinone, crocin, and carvacrol: A comprehensive review. Asian Pacific Journal of Tropical Biomedicine, 2022; 12(5): 85-196.

Mahmoud Mahmoudi, Maryam Rastin, Mohammad Kazemi Arababadi, **Akbar Anaeigoudari**, Reza Nosratabadi. Enhancing the efficacy of Hypericum perforatum in the treatment of an experimental model of multiple sclerosis using gold nanoparticles: an in vivo study. Avicenna Journal of Phytomedicine, 2022; 12(3): 325-336.

Seyed Hamidreza Rastegar Moghaddam, Mahmoud Hosseini, Fereshteh Sabzi, Fatemeh Hojjati Fard, Narges Marefati, Farimah Beheshti, Majid Darroudi, Alireza Ebrahimzadeh Bideskan, **Akbar Anaeigoudari (Corresponding author),** Cardiovascular protective effect of nano selenium in hypothyroid rats: protection against oxidative stress and cardiac fibrosis. Clinical and Experimental Hypertension, 2022; 44(3): 268-279.

Zohreh Arab, Mahmoud Hosseini, Narges Marefati, Farimah Beheshti, **Akbar Anaeigoudari**, Hamid Reza Sadeghnia, Mohammad Hossein Boskabady. Neuroprotective and memory enhancing effects of Zataria multiflora in lipopolysaccharide-treated rats. Veterinary Research Forum, 2022; 13(1):101-110.

Farimah Beheshtia, Mahmoud Hosseini, Zohreh Arab, Amir Asgharie and **Akbar Anaeigoudari (Corresponding author).** Ameliorative role of metformin on lipopolysaccharide-mediated liver malfunction through suppression of inflammation and oxidative stress in rats. Toxin Reviews, 2022; 41(1):55-63.

Narges Marefati, Farimah Beheshti, Poorya Etemadizadeh, Mahmoud Hosseini, Akbar **Anaeigoudari (Corresponding author).** Gum resin extract of Boswellia serrata attenuates lipopolysaccharide-induced inflammation and oxidative damage in hepatic and renal tissues of rats.

Akbar Anaeigoudari, Hamid Reza Mollaei, Mohammad Kazemi Arababadi, Reza Nosratabadi. Severe acute respiratory syndrome coronavirus 2: the role of the main components of the innate immune system. Inflammation, 2021;44(6):2151-2169.

Akbar Anaeigoudari, Hamidreza Safari, Mohammad Reza Khazdair. Effects of Nigella sativa, Camellia sinensis, and Allium sativum as Food Additives on Metabolic Disorders, a Literature Review. Frontiers in Pharmacology, 2021; 12: 762182.

Somaieh Mansouri, Mahmoud Hosseini, Farimah Beheshti, Mohammad-Ali Sobhanifar, Hassan Rakhshandeh, **Akbar Anaeigoudari (Corresponding author).** Neuroprotective effects of Pinus

eldarica in a mouse model of pentylenetetrazole-induced seizures. Avicenna journal of phytomedicine, 2021; 11(6):610-621.

Yousef Baghcheghi, Amin Mokhtari-Zaer, Mahmoud Hosseini, **Anaeigoudari A,** Hossein Salmani, Farimah Beheshti. Thymoquinone ameliorate hepatorenal toxicity associated with propylthiouracil-induced hypothyroidism in juvenile rats. Acta Endocrinologica (Bucharest), 2021;17(4):432-439.

Fereshteh Asgharzadeh, Mahmoud Hosseini, Farimah Beheshti, Hassan Rakhshandeh, Somaieh Mansouri, **Akbar Anaeigoudari (Corresponding author).** Improving Effect of Ethyl Acetate Fraction of Tanacetum Parthenium Against Brain Oxidative Damage in Pentylenetetrazole-Induced Seizure Model in Mice . Horison of Medical Sciences, 2021; 27(4): 486-501.

Farimah Beheshti, Somaieh Ahmadabady, Yousef Baghcheghi, **Akbar Anaeigoudari (Corresponding author).** Mahmoud Hosseini. A mini review of neuropharmacological effects of Rosa damascena Herrm. Pharmaceutical Sciences, 2021; 28(2): 232-238.

Mohammad Reza Khazdair, **Akbar Anaeigoudari**, Gabriel A Agbor .Anti-viral and anti-inflammatory effects of kaempferol and quercetin and COVID-2019: A scoping review. Asian Pacific Journal of Tropical Biomedicine, 2021; 11(8): 327-334.

Alireza Mortazavi, Hossein Mohammad Pour Kargar, Farimah Beheshti, **Akbar Anaeigoudari**, Gholamhasan Vaezi, Mahmoud Hosseini. The effects of carvacrol on oxidative stress, inflammation, and liver function indicators in a systemic inflammation model induced by lipopolysaccharide in rats. Int J Vitam Nutr Res, 2023;93(2):111-121.

Razieh Kooshki, **Akbar Anaeigoudari (Corresponding author)**, Mehdi Abbasnejad, Khadijeh Askari-Zahabi, Saeed Esmaeili-Mahani. Abscisic acid interplays with PPARγ receptors and ameliorates diabetes-induced cognitive deficits in rats. Avicenna J Phytomed, 2021;11(3):247-257.

Beheshti F, Hosseini M, Taheri Sarvtin M, Kamali A, **Anaeigoudari A (Corresponding author).** Protective effect of aminoguanidine against lipopolysaccharide-induced hepatotoxicity and liver dysfunction in rat. Drug Chem Toxicol, 202; 44(2):215-221

26. Mohammad Reza Khazdair, Majid Kianmehr, **Akbar Anaeigoudari (Corresponding author).** Effects of medicinal plants and flavonoids on Parkinson's disease: a review on basic and clinical evidences. Adv Pharm Bull, 2021;11(2):224-232.

Akbar Anaeigoudari (Corresponding author), Narges Marefati, Safoura Khamse, Somaieh Mansouri, Mahmoud Hosseini**.** Effects of Boswellia serrata resin on central nervous system: a mini review. Physiology and Pharmacology, 2021; 25(2021): 288-295.

Fereshteh Asgharzadeh, Mahmoud Hosseini, Rahimeh Bargi, Farimah Beheshti, Hassan Rakhshandeh, Somaye Mansouri, Azita Aghaei, Hamid Reza Sadeghnia, **Akbar Anaeigoudari (Corresponding author)**. Effects of Hydro-ethanolic Extract of Tanacetum parthenium and its N-Butanol and Aqueous Fractions on Brain Oxidative Damage in Pentylenetetrazole-Induced Seizures in Mice. Pharmaceutical Sciences, 2020, 26(3), 252-260

Mahmoud Hosseini, Farimah Beheshti, **Akbar Anaeigoudari (Corresponding author)**. Improving Effect of Aminoguanidine on Lipopolysaccharide-Caused Kidney Dysfunction in Rats. Saudi J Kidney Dis Transpl, 2020;31(5):1025-1033

Akbar Anaeigoudari, N Azdaki, Mohammad Reza Khazdair. A comprehensive review of cardiotoxic effects of selected plants. Toxin Reviews, 2020, 1-10

Zohreh Arab, Mahmoud Hosseini, Fatemeh Mashayekhi, **Akbar Anaeigoudari (Corresponding author).** Zataria multiflora extract reverses lipopolysaccharide-induced anxiety and depression behaviors in rats. Avicenna J Phytomed, 2020;10(1):78-88.

Baghcheghi Y, Mansouri S, Beheshti F, Shafei MN, Salmani H, Reisi P, **Anaeigoudari** A, Bideskan AE, Hosseini M. Neuroprotective and long-term potentiation improving effects of vitamin E in juvenile hypothyroid rats. Int J Vitam Nutr Res. 2020;90 (1–2):156–168

Mohammad Reza Khazdair, **Akbar Anaeigoudari**, Majid Kianmehr. Anti-Asthmatic Effects of Portulaca Oleracea and its Constituents, a Review. Journal of Pharmacopuncture 2019;22[3]:122-130

Fereshteh Asgharzadeh, Mahmoud Hosseini, Rahimeh Bargi, Mohammad Soukhtanloo, Farimah Beheshti, Zohreh Mohammady, **Akbar Anaeigoudari (Corresponding author)**. Effect of Captopril on Brain Oxidative Damage in Pentylenetetrazole-Induced Seizures in Mice. Pharmaceutical Sciences, 2019, 25(3), 221-226

Azam Abareshi, **Akbar Anaeigoudari**, Fatemeh Norouzi, Narges Marefati, Farimah Beheshti, Mohsen Saeedjalali, Mahmoud Hosseini. The effects of captopril on lipopolysaccharide-induced sickness behaviors in rats. Vet Res Forum. 2019; 10 (3) 199 – 205

Plangar AF, **Anaeigoudari A,** KhajaviRad A, Shafei MN. Beneficial Cardiovascular Effects of Hydroalcoholic Extract from Crocus Sativus in Hypertension Induced by Angiotensin II. J Pharmacopuncture. 2019, 22(2):95-101

Fatemeh Norouzi, Mahmoud Hosseini, Azam Abareshi, Farimah Beheshti, Majid Khazaei, Mohammad Naser Shafei, Mohamamd Soukhtanloo, Zahra Gholamnezhad, **Akbar Anaeigoudari**. Memory

enhancing effect of Nigella sativa hydro-alcoholic extract on lipopolysaccharide induced memory impairment in rats. Drug Chem Toxicol. 2019; 42(3):270-279

Farimah Beheshti, Fatemeh Norouzi, Azam Abareshi, **Akbar Anaeigoudari**, Mahmoud Hosseini. Acute Administration of Nigella sativa Showed Anxiolytic and Anti-Depression Effects in Rats. Current Nutrition & Food Science, 2018, 14 (5), 422-431

Anaeigoudari A, Norouzi F, Abareshi A, Beheshti F, Aaghaei A, Shafei MN, Gholamnezhad Z, Hosseini M. Protective effects of Nigella sativa on synaptic plasticity impairment induced by lipopolysaccharide. Vet Res Forum. 2018, 9(1):27-33

Mohammad Reza Khazdair, **Akbar Anaeigoudari**, Milad Hashemzehi, Reza Mohebbati. Neuroprotective potency of some spice herbs, a literature review. J Tradit Complement Med. 2018, 30, 9(2):98-105

Yousef Baghcheghi, Farimah Beheshti, Mohammad Naser Shafei, Hossein Salmani, Hamid Reza Sadeghnia, Mohammad Soukhtanloo, **Akbar Anaeigoudari**, Mahmoud Hosseini. The effects of vitamin E on brain derived neurotrophic factor, tissues oxidative damage and learning and memory of juvenile hypothyroid rats. Metab Brain Dis. 2018, 33(3): 713-724

Yousef Baghcheghi, Mahmoud Hosseini, Farimah Beheshti, Hossein Salmani, **Akbar Anaeigoudari (Corresponding author)**. Thymoquinone reverses learning and memory impairments and brain tissue oxidative damage in hypothyroid juvenile rats. Arq Neuropsiquiatr. 2018, 76(1):32-40

Mahmoud Hosseini, **Akbar Anaeigoudari (Corresponding author)**, Farimah Beheshti, Mohammad, Soukhtanloo, Reza Nosratabadi. Protective effect against brain tissues oxidative damage as a possible mechanism for beneficial effects of L-arginine on lipopolysaccharide induced memory impairment in rats. Drug Chem Toxicol. 2018; 41(2):175-181

Reza Mohebbati, Mohammad Naser Shafei, Farimah Beheshti, Mohammad Soukhtanloo, Noema Mohammadian Roshan, **Akbar Anaeigoudari**, Soghra Parhizgar, Sara Hosseinian, Mohammad Reza Khazdeir, Abolfazl Khajavi Rad, Mixed hydroalcoholic extracts of Nigella sativa and Curcuma longa improves adriamycin-induced renal injury in rat. Saudi J Kidney Dis Transpl. 2017; 28(6):1270-1281

Mohebbati R, **Anaeigoudari A**, Khazdair MR, The effects of Curcuma longa and curcumin on reproductive systems. Endocr Regul. 2017, 26;51(4):220-228

Mohammad Naser Shafei, Abdolali Faramarzi, Abolfazl Khajavi Rad, **Akbar Anaeigoudari (Corresponding author)**. Crocin prevents acute angiotensin II-induced hypertension in anesthetized rats. Avicenna J Phytomed. 2017; 7(4):345-352

Azam Abareshi, **Akbar Anaeigoudari**, Fatemeh Norouzi, Mohammad Naser Shafei, Mohammad Hossein Boskabady, Mahmoud Hosseini and Majid Khazaei. Lipopolysaccharide induced spatial memory and synaptic plasticity impairment is preventable by captopril. Adv Med. 2016;2016: 7676512

Azam Abareshi, Mahmoud Hosseini, Farimah Beheshti, Fatemeh Norouzi, Majid Khazaei, Hamid Reza Sadeghnia, Mohammad Hossein Boskabady, Mohammad Naser Shafei, **Akbar Anaeigoudari**. The effects of captopril on lipopolysaccharide induced learning and memory impairments and the brain cytokine levels and oxidative damage in rats. Life Sci. 2016; 15; 167:46-56

Akbar Anaeigoudari, Mohammad Soukhtanloo, Parham Reisic, Farimah Beheshtid, Mahmoud Hosseini. Inducible nitric oxide inhibitor aminoguanidine, ameliorates deleterious effects of lipopolysaccharide on memory and long-term potentiation in rat. Life Sci. 2016, 1;158:22-30

Akbar Anaeigoudari, Mohammad Soukhtanloo, Mohammad Naser Shafei, Hamid Reza Sadeghnia, Parham Reisi, Farimah Beheshti, Sepehr Behradnia, Seyed Mojtaba Mousavi, Mahmoud Hosseini. Neuronal nitric oxide synthase has a role in the detrimental effects of lipopolysaccharide on spatial memory and synaptic plasticity in rats. Pharmacol Rep. 2016 ;68(2):243-9.

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Fatemeh Norouzi, Azam Abareshi, **Akbar Anaeigoudari**, Mohammad Naser Shafei, Zahra Gholamnezhad, Mohsen Saeedjalali, Reza Mohebati, Mahmoud Hosseini. The effects of Nigella sativa on sickness behavior induced by lipopolysaccharide in male Wistar rats. Avicenna J Phytomed. 2016;6(1):104-16

Reza Mohebbati, Mohammad Naser Shafei, Mohammad Soukhtanloo, Noema Mohammadian Roshan, Abolfazl Khajavi Rad, **Akbar Anaeigoudari**, Sara Hosseinian, Sareh Karimi, Farimah Beheshti Adriamycin-induced oxidative stress is prevented by mixed hydro-alcoholic extract of Nigella sativa and Curcuma longa in rat kidney. Avicenna J Phytomed. 2016; 6(1):86-94

Akbar Anaeigoudari, Mohammad Naser Shafei, Mohammad Soukhtanloo, Hamid Reza Sadeghnia, Parham Reisi, Reza Nosratabadi, Sepehr Behradnia, Mahmoud Hosseini. The effects of L-arginine on spatial memory and synaptic plasticity impairments induced by lipopolysaccharide. Adv Biomed Res. 2015, 28;4:202

Akbar Anaeigoudari, Mohammad Naser Shafei, Mohammad Soukhtanloo, Hamid Reza Sadeghnia, Parham Reisi, Farimah Beheshti, Reza Mohebbati, Seyed Mojtaba Mousavi, Mahmoud Hosseini. Lipopolysaccharide-induced memory impairment in rats is preventable using 7-nitroindazole. Arq Neuropsiquiatr. 2015 Sep;73(9):784-90

Hamid Azizi-Malekabadi, Mahmoud Hosseini, Masoume Pourganji, Hoda Zabihi, Mohsen Saeedjalali, **Akbar Anaeigoudari**. Deletion of ovarian hormones induces a sickness behavior in rats comparable to the effect of lipopolysaccharide. Neurol Res Int. 2015; 2015: 627642

In Persian (from the most recent)

Fereshteh Asgharzadeh, Mahmoud Hosseini, Farimah Beheshti, Hassan Rakhshandeh, Somaieh Mansouri, **Akbar Anaeigoudari (Corresponding author)**. Improving Effect of Ethyl Acetate Fraction of Tanacetum Parthenium Against Brain Oxidative Damage in Pentylenetetrazole-Induced Seizure Model in Mice. Horizon of Medical Sciences. 2021; 27(4):493-501.

Anaeigoudari A, Faramarzi A**,** Abbasnezhad A**.** Effect of Intraperitoneal Injection of Crocin on Cardiovascular Parameters in Angiotensin II- Induced Hypertensive Rats. Horizon of Medical Sciences, 2018, 24, 4, 309-315.

Mojtaba Khodami, Mahdi Abbasnejad, Vahid Shybani, Mina Mobasher, **Akbar Anaeigoudari**, Sahar Salari, The investigation of analgesic and anxiolytic effect of Dracocephalu polychaetum bornum extract in male Wistar rats. Physiology and Pharmacology, 2011, 15, 3, 445- 454

Azam Amini, Javad Mirnajafi-Zadeh, Yaghoub Fathollahi, **Akbar Anaeigoudari**, Mohammad Mohammadzadeh. Intrapertonal injection of N6- cyclohexyladenosine, specific agonist of adenosine A1 receptor, on seizures caused by electrical stimulation of entorhinal cortex in rats. Physiology and Pharmacology, 2003, 7, 2, 97-105

Akbar Anaeigoudari, Javad Mirnajafi-Zadeh, Yaghoub Fathollahi, Azam Amini, Mohammad Mohammadzadeh. Effect of REM sleep deprivation on anticonvulsant effects of adenosine A1 receptors of entorhinal cortex in amygdala- kindled rats. Modares, 2003, 6,3, 1-9.

Papers Presented in the National & International Congresses (Oral/Poster)

1. 7- Nitroindazole improves the harmful effects of lipopolysaccharide on spatial memory and synaptic plasticity in rat, 2nd International Cogress of Physiology and Pharmacology, Chabahar, Iran, 15-18 February 2018 (Oral).

2. Sodium nitroproside ameliorates lipopolysaccharide- induced brain oxidative damage and memory retention impairment in rat, 5th Basic and clinical Neuroscience Congress, 7-9Dec. 2016, Tehran, Iran (Poster).

3. Effect of L-arginine on lipopolysaccharide induced memory retention impairment in rat, 4th Basic and clinical Neuroscience Congress, 23-25 Dec. 2015, Tehran, Iran (Poster).

4. Effect of aminoguanidine on LPS- induced memory impairment in rat, 3rd Basic and clinical Neuroscience Congress, 29-31 Dec. 2014, Tehran, Iran (Poster).

5. 1st International and 22 nd Iranian Congress of Physiology and Pharmacology, 7-11 September, 2015, Kashan, Iran (Poster)