

Curriculum Vitae

Dr Nematollah Ahangar

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Identification & Contact Details



Dr. Nematollah Ahangar Pharm.D , Ph.D

Associate Professor of Pharmacology

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Professional Information

ResearchGate:

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Google Scholar:

<https://scholar.google.com/citations?user=fWCRLhAAAAAJ&hl=en>

Education

۱. ۲۰۰۲ **Pharm.D** *Shaheed beheshti University of Medical Sciences, School of Pharmacy, Tehran, IRAN (Title of thesis: Evaluation of anticonvulsant activity of new oxadiazole derivatives in mice. Advisors: Prof. Bijan Shafaghi and Prof. Abbas Tabatabaee)*
۲. ۲۰۰۷ **Ph.D** *Shahid Beheshti University of Medical Sciences, School of Medicine, Department of Pharmacology, Tehran, IRAN, (Title of thesis: Effect of Gonadal Steroid Hormones on GIRK γ Gene Transcription in the Rat Central Nervous System. Advisor: Prof. Masumeh Jorjani. Consultant: Prof. Bahram kazemi)*

Employment History

۱. ۲۰۰۲-۲۰۰۷: Ph.D student and lecturer at Shahid Beheshti University of Medical Sciences, School of Medicine, Department of Pharmacology, Tehran, IRAN
۲. ۲۰۰۵-۲۰۰۷: Researcher at Neuroscience Research Center, Shahid Beheshti University of Medical Sciences, Tehran, IRAN
۳. ۲۰۰۷- ۲۰۱۴ : Assistant Prof. of Pharmacology at Mazandaran University of Medical Sciences, Faculty of Pharmacy, Department of Toxicology and Pharmacology, Sari, IRAN
۴. ۲۰۱۴ to August ۲۰۱۹: Associate Prof. of Pharmacology at Mazandaran University of Medical Sciences, Faculty of Pharmacy, Department of Toxicology and Pharmacology, Sari, IRAN
۵. August ۲۰۱۹ to present: Associate Prof. of Pharmacology at Guilan University of Medical Sciences, School of Medicine, Department of Pharmacology, Rasht, IRAN

Administrative Records

۱. ۲۰۰۸- ۲۰۱۱): Head of Toxicology and Pharmacology Department, Faculty of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN
۲. ۲۰۱۱- ۲۰۱۳: Dean of Pharmaceutical Sciences Research Center, Mazandaran University of Medical Sciences, Sari, IRAN
۳. ۲۰۱۱- ۲۰۱۳: Student's Research Committee Correspondent, Faculty of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN

- ξ. ۲۰۱۳- ۲۰۱۸: Vice Chancellor for Pharmacy Education, Ramsar International Campus, Mazandaran University of Medical Sciences, Ramsar, IRAN
- ο. ۲۰۱۳- ۲۰۱۸: Dean of ۱۳-Aban Educational Pharmacy, Mazandaran University of Medical Sciences, Ramsar, IRAN

Membership in Scientific, Advisory and Professional councils

- ۱. ۲۰۰۸- ۲۰۱۱: Education & Research Council, Faculty of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN
- ۲. ۲۰۱۱ to present: Research Council, Pharmaceutical Sciences Research Center, Mazandaran University of Medical Sciences, Sari, IRAN
- ۳. ۲۰۱۱-۲۰۱۳: Research Council, Student's Research Committee, Researches and Technology Deputy, Mazandaran University of Medical Sciences, Sari, IRAN
- ξ. ۲۰۱۲-۲۰۱۸: Education & Research Council, International Campus, Mazandaran University of Medical Sciences, Ramsar, IRAN
- ο. ۲۰۱۱- ۲۰۱۴: Committee of Rational Prescription and Use of Drugs, Food and Drug Deputy, Mazandaran University of Medical Sciences, Sari, IRAN
- Ϛ. ۲۰۱۸ to March ۲۰۱۹: Basic Sciences Professional Committee, Education Development Center, Education Deputy, Mazandaran University of Medical Sciences, Sari, IRAN

Membership in Professional Societies and Associations

- ۱. Iranian Pharmacists Association
- ۲. Iranian Association of Physiology & Pharmacology
- ۳. Iranian Association of Pharmaceutical Sciences
- ξ. Iran Medical Council
- ο. Iranian Association of Proteomics
- Ϛ. Iranian Association of Biotechnology
- ۷. Iranian Genetics Society

Invited Lecturer in Seminars & Conferences

- ۱. December ۲۰۰۷, ۱۰th Daily Seminar on New Advances in Cardiovascular Diseases, Imam Khomeini Hospital, Tehran University of Medical Sciences, Tehran, IRAN. Title: Role of Beta-Blockers in Congestive Heart Failure Management.

۲. January ۲۰۰۸, Drug Intoxication Educational Course, Mazandaran University of Medical Sciences, Sari, IRAN. Title: Intoxication with CNS Drugs: symptoms & managements.
۳. April ۲۰۰۸, Imam Hossein Hospital, ShahidBeheshti University of Medical Sciences, Tehran, IRAN. Title: Intoxication with CNS Drugs: symptoms & managements.
۴. May ۲۰۰۸, Continuous Program of Medical Education, Bu Ali Sina Hospital, Mazandaran University of Medical Sciences, Sari, IRAN. Title: Parkinson's disease: Pathophysiology & Treatment.
۵. August ۲۰۰۸, Rational Drug Prescription Conference, Bu Ali Sina Hospital, Mazandaran University of Medical Sciences, Sari, IRAN. Title: Review of Anti-helminthic Drugs
۶. October ۲۰۰۸, Continuous Program of Medical Education, ShahidBeheshti Hospital, Babol University of Medical Sciences, Babol, IRAN. Title: Review of Antineoplastic Drugs.
۷. November ۲۰۰۸, Continuous Program for Pharmacists Education, Pharmacotherapy of Infectious Diseases, Bu Ali Sina Hospital, Mazandaran University of Medical Sciences, Sari, IRAN. Title: Review on Parasitic Infections& Anti-helminthic Drugs
۸. November ۲۰۰۸, Continuous Program for Pharmacists Education, Pharmacotherapy of Infectious Diseases, Bu Ali Sina Hospital, Mazandaran University of Medical Sciences, Sari, IRAN. Title: Rapid Review of Different Antibiotic Drugs
۹. November ۲۰۰۸, Continuous Program for Pharmacists Education, Pharmacotherapy of Gastrointestinal Diseases, Bu Ali Sina Hospital, Mazandaran University of Medical Sciences, Sari, IRAN. Title: IBS & its management.
۱۰. November ۲۰۰۸, Continuous Program for Pharmacists Education, Pharmacotherapy of Gastrointestinal Diseases, Bu Ali Sina Hospital, Mazandaran University of Medical Sciences, Sari, IRAN. Title: Different Drug Categories for Management of Constipation.
۱۱. January ۲۰۰۹, Continuous Program of Medical Education, GolestanUniversity of Medical Sciences, Gorgan, IRAN. Title: Review of Antineoplastic Drugs.
۱۲. July ۲۰۰۹, Continuous Program for Pharmacists Education, Pharmacotherapy of CNS Disorders, Amol Branch of Iran's Medical Council in association with Mazandaran University of Medical Sciences, Amol, IRAN. Title: Alzheimer's disease: Pathophysiology & Treatment.

۱۳. July ۲۰۰۹, Continuous Program for Pharmacists Education, Pharmacotherapy of CNS Disorders, Amol Branch of Iran's Medical Council in association with Mazandaran University of Medical Sciences, Amol, IRAN. Title: Depression & Antidepressants.
۱۴. June ۲۰۱۰, Continuous Program of Medical Education, Chalus Branch of Iran's Medical Council in association with Mazandaran University of Medical Sciences, Chalus, IRAN. Title: Antihypertensive Drugs.
۱۵. June ۲۰۱۰, Continuous Program of Medical Education, Amol Branch of Iran's Medical Council in association with Mazandaran University of Medical Sciences, Amol, IRAN. Title: Renal Adverse Drug Effects.
۱۶. September ۲۰۱۰, Continuous Program for Pharmacists Education, Nowshahr Branch of Iran's Medical Council in association with Mazandaran University of Medical Sciences, Nowshahr, IRAN. Title: Survey and Review of some Prescriptions for Inflammatory Bowel Diseases.
۱۷. November ۲۰۱۰, Continuous Program for Pharmacists Education, Amol Branch of Iran's Medical Council in association with Mazandaran University of Medical Sciences, Amol, IRAN. Title: Anticoagulants.
۱۸. December ۲۰۱۰, Continuous Program of Medical Education, Golestan University of Medical Sciences, Gorgan, IRAN. Title: Parkinson's disease: Pathophysiology & Treatment.
۱۹. January ۲۰۱۱, Two days Seminar on Pharmacotherapy of Pulmonary, Renal and Gastrointestinal Disorders, Birjand University of Medical Sciences in association with Mazandaran University of Medical Sciences, Birjand, IRAN. Title: Pharmacotherapy of IBS.
۲۰. January ۲۰۱۱, Two days Seminar on Pharmacotherapy of Pulmonary, Renal and Gastrointestinal Disorders, Birjand University of Medical Sciences in association with Mazandaran University of Medical Sciences, Birjand, IRAN. Title: Renal Adverse Drug Effects.
۲۱. January ۲۰۱۱, Two days Seminar on Pharmacotherapy of Pulmonary, Renal and Gastrointestinal Disorders, Birjand University of Medical Sciences in association with Mazandaran University of Medical Sciences, Birjand, IRAN. Title: Pulmonary Adverse Drug Effects.

۲۲. June ۲۰۱۴, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: General Consideration for Pharmacotherapy of Infectious Diseases.
۲۳. June ۲۰۱۴, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Bronchitis, COPD Exacerbation and Managements.
۲۴. June ۲۰۱۴, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Pharmacotherapy of IBS.
۲۵. June ۲۰۱۴, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Pharmacotherapy of IBDs.
۲۶. September ۲۰۱۴, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Nowshahr Branch of Iran's Pharmacists Association, Nowshahr, IRAN. Title: Chelating Agents Effective in Thalassemia Treatment.
۲۷. September ۲۰۱۴, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Nowshahr Branch of Iran's Pharmacists Association, Nowshahr, IRAN. Title: Hemophilia & its Treatment.
۲۸. June ۲۰۱۵, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Rational Use of Opioids in Practice.
۲۹. June ۲۰۱۵, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Pain Management in Patients suffering from Cancer.

۳۰. June ۲۰۱۵, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Antineoplastic Drugs.
۳۱. December ۲۰۱۵, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Ghaem-Shahr Branch of Iran's Pharmacists Association, Ghaem-Shahr, IRAN. Title: Pain Management in Patients suffering from Cancer.
۳۲. December ۲۰۱۵, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Ghaem-Shahr Branch of Iran's Pharmacists Association, Ghaem-Shahr, IRAN. Title: Antineoplastic Drugs.
۳۳. January ۲۰۱۶, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Amol Branch of Iran's Pharmacists Association, Amol, IRAN. Title: BPH & its treatment.
۳۴. October ۲۰۱۶, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Review on Diabetes Mellitus & its complications.
۳۵. October ۲۰۱۶, As Scientific Secretary, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Pharmacotherapy of Thyroid Disorders.
۳۶. October ۲۰۱۶, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Acute Renal Failure.
۳۷. October ۲۰۱۶, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Tonekabon Branch of Iran's Pharmacists Association, Tonekabon, IRAN. Title: Chronic Renal Failure.
۳۸. November ۲۰۱۶, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Nowshahr Branch of Iran's Pharmacists Association, Nowshahr, IRAN. Title: UTIs : symptoms & managements.

۳۹. November ۲۰۱۶, Continuous Program for Pharmacists Education, Mazandaran University of Medical Sciences in association with Nowshahr Branch of Iran's Pharmacists Association, Nowshahr, IRAN. Title: Rhinosinusitis: symptoms & managements.
۴۰. August ۲۰۱۸, Sleep Disorders Scientific Conference, Mazandaran University of Medical Sciences in association with Ramsar Branch of Iran's Medical Council, Ramsar, IRAN. Title: Hypnotic Drugs.

Honors and Awards

۱. ۲۰۰۰, Excellent Pharmacy Student, School of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, IRAN.
۲. ۲۰۱۱, Outstanding Academic Staff, School of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.
۳. ۲۰۱۷, Outstanding Academic Staff, School of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.

Teaching Service

۱. ۲۰۰۷ to ۲۰۱۸, teaching different **General Pharmacology** topics (Including Introduction, Autonomic Nervous System, Autacoids, Cardiovascular, Central Nervous System, Endocrine, Chemotherapeutics and ...) for ۳rd year Students of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.
۲. ۲۰۰۷ to ۲۰۱۸, Mentoring different **Experimental Pharmacology** topics for ۳rd year Students of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.
۳. ۲۰۱۲ to ۲۰۱۸, teaching different **General Pharmacology** topics (Including Introduction, Autonomic Nervous System, Autacoids, Cardiovascular, Central Nervous System, Endocrine, Chemotherapeutics and ...) for ۳rd year Students of Pharmacy and ۳rd year Students of medicine, Mazandaran University of Medical Sciences, International Campus, Ramsar, IRAN.
۴. ۲۰۰۹ to present, teaching different **Advanced Pharmacology** topics (Advanced Pharmacokinetic & Pharmacodynamic, Classification of Receptors & Different Signal Transduction Pathways, Pharmacogenetic, Ion Channels Pharmacology, GPCRs, Nuclear

& Intracellular Receptors, RTKs , ...) for 2nd year Ph.D students of Medicinal Chemistry, Mazandaran University of Medical Sciences, Sari, IRAN.

۵. ۲۰۰۹ to present, teaching different **Advanced Clinical Pharmacology** topics for Residents of Clinical Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.
۶. ۲۰۱۰, teaching different **Advanced Pharmacology** topics for 2nd year Ph.D students of Medicinal Chemistry and Toxicology, School of Pharmacy Shahid Beheshti University of Medical Sciences, Tehran, IRAN.
۷. ۲۰۱۰ to present, teaching different **General Pharmacology** topics for 1st and 2nd year MSc students of Toxicology, Mazandaran University of Medical Sciences, Sari, IRAN.
۸. ۲۰۱۲ to present, teaching different **Advanced Pharmacology** topics for 1st and 2nd year Ph.D students of Toxicology, Mazandaran University of Medical Sciences, Sari, IRAN.
۹. ۲۰۱۱ to present, teaching different **General & Advanced Pharmacology** topics for 1st year Ph.D students of Radiopharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.
۱۰. ۲۰۱۳ to ۲۰۱۸, teaching **Medical Terminology** for 2nd year student of Medicine and 3rd year student of Pharmacy, Mazandaran University of Medical Sciences, International Campus, Ramsar, IRAN.
۱۱. ۲۰۱۸ to present, teaching different **General pharmacology** topics for 1st and 2nd year BSc students of Nursing and Midwifery, Guilan University of Medical Sciences, Rasht, IRAN.
۱۲. ۲۰۱۸ to present, teaching different **General pharmacology** topics for 3rd year Students of Medicine, Guilan University of Medical Sciences, Rasht, IRAN.
۱۳. ۲۰۱۰ to ۲۰۱۸, teaching different **Molecular Biology & Genetic** topics for 3rd year Students of Pharmacy, Mazandaran University of Medical Sciences, International Campus, Ramsar, IRAN.

Students Supervision and Achievements

- ✓ More than ۵۰ title theses of graduated Pharm.D , MSc and Ph.D students
- ✓ Ongoing Ph.D theses:
 - Cellular and Molecular Mechanisms of Cadmium Chloride-induced Sodium Fluoride Toxicity Exacerbation in Male Rat: Different tissues (Kidney, Liver, Testis and Lung) Toxicological Evaluations, Role of Oxidative Stress, Apoptosis and Inflammatory Markers, Possible Protective Role of Ginkgo biloba

- Polymorphisms of *CYP2A6*, *CYP2D6*, *CYP2C19*, *CYP1A1*, *CYP1B1*, *UGT1A1* (*TAl repeat*), *PON1* (*Q192R*), *GSTM1*, *GSTT1* and *SULT1A1* (*Arg213His*) and Plasma Organophosphates Diazinon and Malathion levels in the Etiology of Breast Cancer in Mazandaran Province, IRAN
- Evaluation of the Molecular Mechanism of Neurotoxicity, Reproductive Toxicity and Dependency of Tramadol In Male Rats via Assessment of Behavioral Tests and NF- κ B, Inflammation and Apoptosis Pathways: Protective Effect of L-carnitine and Melatonin

Field of Research

- ✓ Molecular and Behavioral Pharmacology

Diseases and Conditions

- ✓ Epilepsy, Depression, Acute and Chronic Pain, Inflammation, Cancer, Diabetes

Area of Research

۱. Anticonvulsant screening of natural origin or newly synthesized compounds
۲. Antidepressant Screening of natural origin or newly synthesized compounds
۳. Anti-nociceptive & anti-inflammatory activity of natural origin or newly synthesized compounds
۴. Antidiabetic Screening of natural origin or newly synthesized compounds
۵. Muscle Relaxant Activity of natural origin or newly synthesized compounds
۶. Cytotoxic & Genotoxic potential evaluation
۷. Evaluation of Nephrotoxicity & Hepatotoxicity of compounds
۸. Oxidative Stress
۹. Pharmacogenetics and Pharmacogenomics

Laboratory Research Activities & Technique Expertise

۱. Different Neurobehavioral Pharmacological Methods for evaluating Epilepsy, Depression, Anxiety, Schizophrenia, Chemical & Thermal induced Nociception and or Inflammation
۲. Streptozotocin & Alloxan induced Hyperglycemia and Diabetes
۳. Naloxone Induced Withdrawal Syndrome in Addicted animal
۴. DNA & RNA Purification, Primer Design, RT-PCR, AS-PCR, ARMS-PCR, PCR-RFLP

۵. In-vitro tests for Genotoxicity & Cytotoxic Evaluation
۶. Determination of Oxidative Stress Markers

Inventions & Discoveries

۱. Genebank accession number EF۱۵۶۲۷۵ in pubmed (NCBI) for *Rattus norvegicus* GIRK γ gene.
۲. Genebank accession number EF۱۵۶۲۷۶ in pubmed (NCBI) for *Rattus norvegicus* Beta-actin gene.

Establishment

- Molecular Biology Lab. for Department of Toxicology and Pharmacology, School of Pharmacy, Mazandaran University of Medical Sciences, Sari, IRAN.

Abstracts in Congress

۱. Sayyed Abbas Tabatabai, Bijan Shafaghi, Majid Sheikha, **Nematollah Ahangar**, Abbas Shafiee. Design and synthesis of γ -[γ -(chlorophenoxy)] phenyl- $1,3,5$ -oxadiazole Derivatives as Benzodiazepine Receptor Agonists. First Seminar of Medicinal & Natural Products Chemistry. Shiraz, Iran. May ۱۰-۱۱, ۲۰۰۹.
۲. **Nematollah Ahangar**, Bijan Shafaghi, Sayyed Abbas Tabatabai. Evaluation of Anti-convulsant Activity of New $1,3,5$ -oxadiazole Derivatives in Male Mice. ۱th Iranian Congress of Physiology & Pharmacology. Tehran, Iran, ۲۰۰۳.
۳. **Nematollah Ahangar**, Bahram Kazemi, Masoumeh Jorjani. Effects of gonadal steroid hormones on GIRK γ gene transcription in the rat central nervous system. ۱th world congress on pain. August ۲۰۰۸, Glasgow, UK.
۴. Amir nejati, Behzad Zohrebandi, Seid Ali Hosseini, **Nematollah Ahangar**, Reza Shariat Moharari. EKG request in an Iranian emergency department. ۵th European congress on Emergency Medicine. September ۲۰۰۸, Munich, Germany.
۵. **Nematollah Ahangar**, Mohammad Ali Ebrahimzadeh, Seyyed Mohammad Nabavi, Seyyed Fazel Nabavi, Bahman Eslami. Antidepressant Activity of Aqueous Extract of *Hypericum Scabrum* L. Aerial Part in Male Mice. ۱th Iranian Congress of Physiology & Pharmacology. ۳-7 November ۲۰۰۹ Tehran, Iran.

7. Saba Karim, Masoumeh Jorjani, **Nematollah Ahangar**, Ranju Bansal. Evaluation of Blood Pressure Reducing Effect of New 1,4-Dihydropyridine Derivatives in Male Rats. 1st Iranian Congress of Physiology & Pharmacology. 2-7 November 2009 Tehran, Iran.
8. **Nematollah Ahangar**, Bahram Kazemi, Masoumeh Jorjani. Effects of gonadal steroid hormones on GIRK₁ gene transcription in the rat central nervous system. 1st Iranian Congress of Physiology & Pharmacology. 2-7 November 2009 Tehran, Iran.
9. Masoumeh Jorjani, **Nematollah Ahangar**, khadijeh Sharifi, Leila Sattarian. Sex-dependent expression of Beta-actin gene in different tissues of the rat. 1st Iranian Congress of Physiology & Pharmacology. 2-7 November 2009 Tehran, Iran.
10. Mehran Fazli, **Nematollah Ahangar**, Fatemeh Fathi Azad. Effect of Allium giganteum leaves fresh juice on seizure induced by pentylentetrazole and maximal electroshock. 1st Student's Mazandaran University of Medical Sciences Seminar. 17-19 December 2009, Sari, Iran.
11. Mohammad Shokrzadeh, Mohammad Azadbakht, **Nematollah Ahangar** et al. Cytotoxic effect of hydroalcoholic extracts of Cucurbita pepo and Solanum nigrum compared with hydroalcoholic extract of Taxus baccata and Cisplatin on normal and cancerous cell line. 2nd International Congress and Annual Meeting of the GA. August 17-20, 2009, Geneva, Switzerland.
12. Mohammad Shokrzadeh, Mohammad Azadbakht, **Nematollah Ahangar** et al. Cytotoxic effect of hydroalcoholic extracts of Juniperus sabina compared with hydroalcoholic extract of Taxus baccata and Cisplatin on normal and cancerous cell line. 2nd International Congress and Annual Meeting of the GA. August 17-20, 2009, Geneva, Switzerland.
13. **Nematollah Ahangar**, Reza Gorji, Mohammad Shokrzadeh, Mohammad Kamalinejad. Antinociceptive activity of the methanolic extract of Fumaria vailantii in male mice. 1st Iranian Pharmaceutical Sciences Congress. August 2009, Zanjan, Iran.
14. **Ahangar N**, Shams J, Kazemi B, Karimaei R. Associations between *MDR1* gene polymorphisms and therapeutic response to citalopram in depressive patients in Tehran. 3rd Iranian Medical Genetics Congress, 20-21 June 2011, Tehran, IRAN.
15. **Nematollah Ahangar**. ABC transporters in Pharmacology and Toxicology. 1st Iranian Congress of Toxicology. 10-11 May 2011, Sari, IRAN.
16. **Nematollah Ahangar**, Behnoosh Alizadeh, Ali Tousi. Frequency Evaluation of A/G (m) Polymorphism of *CYP1A1* Gene in a Healthy Population from Mazandaran Province, Iran. 1st Iranian Congress of Toxicology. 22-24 May 2010, Urmia, IRAN.

17. **Nematollah Ahangar**, Ali Tousi, Behnoosh Alizadeh. Frequency Evaluation of T_{7239C} (m¹) Polymorphism of CYP^{1A1} Gene in a Healthy Population from Mazandaran Province, Iran. 1st Iranian Congress of Toxicology. 22-24 May 2010, Urmia, IRAN.
18. Ehsan Teymoori Rad, Sharbanoo Keyhanian, Ebrahim Vosughi, **Nematollah Ahangar**. Investigation of rs⁴⁸⁶⁹³⁸ G/A Polymorphism in ER β Gene and its Relationship with Breast Cancer Susceptibility in West of Mazandaran Province, Iran. 24th Iranian & 3rd International Congress of Physiology & Pharmacology. 3rd Oct- 1st Nov 2010, Tehran, IRAN.

Publications in Peer-reviewed Journals

1. **Ahangar N**, Kazemi BA, Jorjani M. Effect of Gonadal Steroid Hormones on GIRK γ Gene Transcription in Rat's Spinal Cord. **Pejoohandeh Bimonthly Research Journal**. 2007 Oct 10; 12(4):273-81. (ISC). (In persian)
2. **Ahangar N**, Kazemi B, Jorjani M. Effects of gonadal steroid hormones on GIRK γ gene transcription in the rat central nervous system. **Neuroscience letters**. 2008 Feb 6; 431(3):201-5. (ISI, Pubmed).
3. Ebrahimzadeh MA, Mahmoudi M, **Ahangar N**, Ehteshami S, Ansaroudi F, Nabavi SF, Nabavi SM. Antidepressant activity of corn silk. **Pharmacologyonline**. 2009; 3:647-52. (Scopus).
4. Shokrzadeh M, Azadbakht M, **Ahangar N**, Naderi H, Saravi SS. Comparison of the cytotoxic effects of Juniperus sabina and Zataria multiflora extracts with Taxus baccata extract and Cisplatin on normal and cancer cell lines. **Pharmacognosy magazine**. 2010 Apr; 6(22):102. (ISI, Pubmed).
5. Shokrzadeh M, Azadbakht M, **Ahangar N**, Hashemi A, Saravi SS. Cytotoxicity of hydro-alcoholic extracts of Cucurbitapepo and Solanum nigrum on HepG γ and CT γ cancer cell lines. **Pharmacognosy magazine**. 2010 Jul; 6(23):176. (ISI, Pubmed).
6. Emami S, Kebriaeezadeh A, **Ahangar N**, Khorasani R. Imidazolylchromanone oxime ethers as potential anticonvulsant agents: Anticonvulsive evaluation in PTZ-kindling model of epilepsy and SAR study. **Bioorganic & medicinal chemistry letters**. 2011 Jan 10; 21(1):600-6. (ISI, Pubmed).
7. **Ahangar N**, Ayati A, Alipour E, Pashapour A, Foroumadi A, Emami S. 1- [(γ - Arylthiazol- 4- yl) methyl] azoles as a new class of anticonvulsants: design, synthesis, in vivo screening, and in silico drug like properties. **Chemical biology & drug design**. 2011 Nov; 18(5):445-52. (ISI, Pubmed).

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