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Personal details

Babak Gholamine, Place of Birth Tehran

Address: Daneshjoo Blvd, Koodakyar Dead End, Dept. of Pharmacology, School of Medicine, Shahid Beheshti University of Medical Sciences (SBMU), postal code: 1985717443

Tel: (+) 9821-22439969 & (+) 98912-3069885, Email: b.gholamine@sbmu.ac.ir & b.gholamine1396@gmail.com

Education & Qualifications

- 1- PhD of Pharmacology, School of Medicine, Iran University of Medical Sciences, Tehran, 2007
- 2- Admission for psychiatric specialty of Iran University of Medical Sciences, Tehran, 1998
- 3- Doctorate of Medicine, School of Medicine, Tehran University of Medical Sciences, Tehran, 1995
- 4- Admission for Doctorate of Pharmacy in Islamic Azad University, Tehran, 1987
- 5- Student of Electronic Engineering, Islamic Azad University, Tehran Central Branch, 1987
- 6- Math-Physics Diploma (first rank), Shahid Mottahari High School, Tehran, 1987
- 7- Participation in 23 empowerment workshops for academic staffs in educational & research fields

Professional Experiences

- 1- Assistant professor, school of Medicine, SBMU, 2013 – Present
- 2- Assistant professor, school of Pharmacy, Kermanshah University of Medical Sciences (KUMS), 2008- 2013
- 3- Dean of Pharmacy School, KUMS, 2009- 2011
- 4- Developer & manager of Vivarium center of KUMS, 2010-2012
- 5- Head of Pharmacology-Toxicology & Pharmaceutical services Dept., school of Pharmacy. KUMS, 2009- 2011
- 6- Education Development Officer, school of Pharmacy, KUMS, 2009-2013
- 7- Expert & member of "Scientific Specialists Council" of the "Office for assessment of medical documents" of Kermanshah Social Security Organization, 2008-2009
- 8- Scientific Expert of "Medical council of Kermanshah City", 2009–2010
- 9- Manager, scientific secretary & lecturer of retraining courses for pharmacists & medical doctors of Kermanshah City, 2009-2011
- 10- Representative of school of Pharmacy the field of "Clinical Services Governance", KUMS, 2008-2013
- 11- Representative of KUMS in Ministry of Health & Medical Education of Iran 2012-2013
- 12- "Triage Doctor", Rasoul-e-Akram Teaching Hospital, Tehran, 2001-2002
- 13- Equipping & launching the pharmaceutical sector of "Iranian Medical History Museum", Tehran, 2001
- 14- Co-operation in bioequivalency projects of sixteen pharmaceutical formulations, Pars Biopharmacy private Company, Tehran
- 15- Medical Practice & technical Responsible Manager in private clinics, 1995-1999

Teachings:

Pharmacology, Pharmacotherapy, Toxicology, Control of poisoning, drug abuse, chemotherapy, neuropharmacology, Adverse drug reactions, Post marketing surveillance, Hospital clinical Internship & Hospital pharmacy internship for Medical, Paramedical & Pharmaceutical students & postgraduate students, 2008- present

Workshops:

Manager & lecturer of pre-internship "Rational Drug Prescribing" for medical students, SBMU, 2015 - present
Lecture & Establishment Contributor in Addiction Rehabilitation, KUMS, 2009
Electronic Learning Management System, KUMS, 2009

Research records & Projects

- 1- Supervisor & consultant of 20 doctorate thesis
- 2- Referee of Pajoohandeh journal & Iranian Journal of Pharmacology / Therapeutics
- 3- Referee of fifty doctorate & PhD theses & proposals
- 4- Establisher of the first student research tour in KUMS, 2010
- 5- Evaluator of research policies & research proposals as a member of Research Council of KUMS, 2009-2011
- 6- Poster Presentation: Determination of Isosorbide Dinitrate in Serum by Gas Chromatography with a New Generation of Electron Capture Detector & its Application in Pharmacokinetic Study "European Bioanalysis Forum", Barcelona, Spain, Nov. 2011
- 7- Oral presentation: "Effects of pioglitazone on erectile dysfunction in sildenafil poor responders" (sponsored by "Office of Talent of Iran University of Medical Sciences"), Pharmacology & Neurosciences Congress, Grahamstown, South Africa, Oct. 2008
- 8- Poster acceptance & grant award by the congress: "Effects of pioglitazone on erectile dysfunction in sildenafil poor Responders", 9th World Congress of Clinical Pharmacology, Canada, Jul. 2008 (unattended due to Visa Non-Issuance)

- 9- News release by "Lead Discovery": Pioglitazone new drug effect, UK, 2008
 10- Participating in the first World Conference of Middle East Studies (WOCMES) for providing medical part of a field Research: "Anthropology of inhabitants of Mazandaran forests", Mainz, Germany. Sept., 2002

Skills:

Language:

1- English: Advanced

590 out of 650 score in TOEFL exam

Scores of 86 (first step) & 82 (second step) in United States Medical Licensing Examination, 1998

Experiences in teaching of various courses for Pharmacology Phd Students and Pharmacy students

2- German: Upper intermediate, B2 Zertifikat, Goethe

3- French and Spanish: Elementary

Computing: Good working knowledge in Microsoft Office

Achievements

- 1- "Awarded academic staff" (2011) & "Awarded Medical Doctor", (2010), KUMS
- 2- Top grade thesis for doctorate of pharmacology, 2007
- 3- First rank in national exam for admission in Ph.D. program of Pharmacology, 1998
- 4- Appreciated by the head of Tehran University of Medical Sciences for research on "Risk factors of Cardiovascular disease among Tehran population" as the thesis of doctorate of Medicine, 1995

Publications:

- 1- Armin Ahmadi, Radman Mazloomejad, Mohammad Reza Kasravi, Babak Gholamine, Soheil Bahrami, Mohammad Mahdi Sarezaeem, Hassan Niknejad. Recent advances on small molecules in osteogenic differentiation of stem cells and the underlying signaling pathways. *Stem Cell Research and Therapy*. 2022 Nov.13; 518
- 2- Babak Gholamine, Gholamreza Houshmand, Azam Hosseinzadeh, Mojtaba Kalantar, Saeed Mehrzadi, Mehdi Goudarzi. Gallic Acid ameliorates sodium arsenite-induced renal and hepatic toxicity in rats. *Drug and Chemical Toxicology*. 2021 Jul; 44(4): 341-352.
- 3- Maryam Ranjbar Ekbatan, Mona Khoramjouy, Babak Gholamine, Mehrdad Faizi, Shamim Sahranavar. Evaluation of Anticonvulsant effect of aqueous and methanolic extracts of seven *Inula* species. *Iranian J. of Pharmaceutical research*. Fall 2019; 18(Suppl1): 208-220.
- 4- Ghaznavi H, Fatemi I, Kalantari H, Hosseini Tabatabaei SMT, Mehrabani M, Gholamine B, Kalantar M, Mehrzadi S, Goudarzi M. Ameliorative Effects of gallic acid on gentamicin-induced nephrotoxicity in rats; 2017 Oct 5:1-12.
- 5- Gholamine B, Karimi I, Salimi A, Mazdarani P, Becker LA. Neurobehavioral toxicity of carbon nanotubes in mice. *Toxicol Ind Health*. 2017 Apr; 33(4):340-350.
- 6- Mehrzadi S, Sadr S, Hosseinzadeh A, Gholamine B, Shahbazi A, FallahHuseini H, Ghaznavi H. Anticonvulsant activity of the ethanolic extract of *Punica granatum* L. seed. *Neurol. Res*. 2015; 37(6): 470-475.
- 7- B Gholamine, PM Pour, Brief Communication the Effect of Using the Wiki to Learn the Concepts and Terminology among the Students of Pharmacology, *Educational Research in Medical Sciences*, 2014; 3(2), 28-31.
- 8- V Sepahi, MB Karimi, EL Memar, M Rezaei, B Sabour, E Sadeghi, Babak Gholamine, Ramin Abiri. Factors Affecting Teachers' Evaluation from the Viewpoint of the Students at Kermanshah University of Medical Sciences. *Educational Research in Medical Sciences*. 2013; 2 (2): 20-26.
- 9- Farahani A, Mohajeri P, Gholamine B, Rezaei M, Abbasi H. Comparison of different phenotypic and genotypic methods for The detection of Methicillin-resistant *Staphylococcus aureus*. *N Am J Med Sci*. 2013 Nov; 5(11):637-40.
- 10- Hanifeh Nazari Tarhan, Leila Hosseinzadeh, Alireza Aliabadi, Babak Gholamine, Alireza Foroumadi "Cytotoxic & Apoptogenic Properties of 2- Phenylthiazole-4-carboxamide Derivatives in Human Carcinoma Cell Lines", *Journal of Reports in Pharmaceutical Sciences*. 2012; 1(1): 1-6.
- 11- Parviz Mohajeri, Babak Gholamine, Mansour Rezaei, Yazdan Khamisabadi. Study of Mupirocin resistance genes & their Frequency in *Staphylococcus aureus* strains isolated from nasal carriers among hospitalized patients in Kermanshah by E-test And PCR. *Jundishapur Journal of Microbiology*. 2012; 5 (4): 560-563.
- 12- B Gholamine, H Bagherzadeh, M Khodayari, M Rezaei, Patterns and health-related etiologies of drug use among students of Kermanshah University of Medical Sciences, *Research in Pharmaceutical Sciences*. 2012 Sep; 7 (5): 917
- 13- Ali Mikaeili, Isaac Karimi, Tayebeh Shamspur, Babak Gholamine, Masoud Modaresi, Ali Khanlari. Anti-candidal activity of *Astragalus verus* in the in vitro and in vivo guinea pig models of cutaneous and systemic candidiasis. *Revista Brasileira de Farmacognosia, Brazilian Journal of Pharmacognosy*. 2012 Oct; 22(5):1035-1043.
- 14- B Gholamine, P Mohajeri, M Fathi, M Rezaei, A Zahrabi. Prevalence of acinetobacter clinical isolates producing extended Spectrum beta-lactamase (ESBL) and metallo-beta-lactamase (MBL) in Kermanshah academic hospitals. *Research in Pharmaceutical Sciences*. 2012; 7 (5).
- 15- Massoud Mahmoudian, Hamidreza Falahatpishe, Ladan Tayebi, Ebadollah Salekmoghadam, Babak Gholamine. Determination Of Pharmacokinetic Parameters of Sildenafil in Iranian Volunteers by HPLC Method. *Turk J. Pharm. Sci*. 2010; 7 (1): 69-74.
- 16- Massoud Mahmoudian, Hamidreza Falahatpishe, Babak Gholamine, Ladan Tayebi "Determination of Isosorbide Dinitrate in Serum by Gas Chromatography with New Generation of Electron Capture Detector and its Application in Pharmacokinetic Study. *Iranian Journal of Pharmaceutical Research*; 2009; 8 (4): 251-255.
- 17- Babak Gholamine, Massoumeh Shafiei, Manijeh Motevallian & Massoud Mahmoudian. Effects of pioglitazone on erectile Dysfunction in Sildenafil poor responders: A randomized, controlled study. *J Pharm. Pharmaceut. Sci.* (www.cspCanada.org). 2008; 11 (1): 22-31.

۱۷- پرویز مهاجری، بابک غلامین، محسن فتحی، علی ظهراپی، منصور رضایی. بررسی مقاومت ایزوله های کلینیکی اسپنه توپاکتر بومانتی به آنتی بیوتیک ها در بیمارستانهای شهر کرمانشاه طی سال ۱۳۸۹. مجله دانشگاه علوم پزشکی کرمان. ۱۳۹۱. دوره نوزدهم شماره ۴، ص ۴۰۵-۴۱۲.

