



گلرخ فرنام

ایمیل: g_farnam@sbmu.ac.ir



مسئولیت در مرکز تحقیقات علوم دارویی:

پژوهشگر سلامت در حوزه مطالعات سم‌شناسی.

مسئول اجرایی میز مجازی همکاری‌های علمی دانشگاهی کشورهای CIS دانشگاه

International Pharmacy Acta مجله Section-Editor

نماینده امور بانوان مرکز تحقیقات علوم دارویی

تحصیلات: دکترای حرفه‌ای داروسازی، دکترای تخصصی سم‌شناسی

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دانشگاه علوم پزشکی و خدمات درمانی شهید بهشتی، تهران، ایران

دکترای تخصصی (PhD) سم‌شناسی، سال اخذ مدرک ۱۴۰۰

دانشگاه علوم پزشکی و خدمات درمانی شهید بهشتی، تهران، ایران

دبیرستان: دبیرستان استعدادهای درخشان فرزندانگان، سال اخذ مدرک ۱۳۸۹، کرمانشاه، ایران

سوابق حرفه‌ای:

Iranian Journal of Pharmaceutical Sciences مجله Editorial-Manager

از سال ۱۴۰۱ تا ۱۴۰۲

International Pharmacy Acta مجله Section-Editor

از سال ۱۴۰۰ تا کنون

دبیر کمیته مرکزی، شبکه دانشجویان داروسازی (IParmS)

از سال ۱۳۹۷ تا ۱۴۰۰

مسئول آزمایشگاه کشت سلولی، مرکز تحقیقات علوم دارویی شهید بهشتی

از سال ۱۳۹۶ تا کنون

قائم مقام داروخانه، بیمارستان کودکان مفید

از سال ۱۳۹۴ تا سال ۱۳۹۶

مهارت ها:

- زبان فارسی / انگلیسی
- کامپیوتری
- Microsoft Office (Word, PowerPoint, Excel)
- Prism
- Photoshop
- (مقدماتی) R programming
- (مقدماتی) Python Programming
- آزمایشگاهی و تکنیکی
- FTIR
- HPLC
- PCR
- Flow Cytometry
- Fluorescence Microscopy
- کشت سلولی
- بررسی سمیت مواد شیمیایی و بیولوژیک استانداردهای OECD و EPA
- مهارت‌های ارتباطی/اداری
- طراحی پروژه های مرتبط با سمیت حیوانی و نگارش پروپوزال‌های تحقیقاتی در این حوزه
- طراحی پروژه های مرتبط با سمیت سلولی و نگارش پروپوزال‌های تحقیقاتی در این حوزه
- طراحی و برگزاری دوره‌های بازآموزی و برگزاری آنها
- داوری مقالات علمی و پتنتها

انتشارات :

2022 The Effect of Synthesized Triazole and Ciprofloxacin Conjugated Peptide Compounds on Biological systems. Safaei Behnoosh, Baharloui Maryam, Esfandiari Mazandaran Kiana, Farnam Golrokh, Houshdar Tehrani Mohammad Hassan, Shirazi Farshad H. Iranian Journal of Pharmaceutical Sciences.

2022 Golrokh Farnam, Narges Aryanpour, Reyhaneh Behtaj, Farshad Hosseini Shirazi. The complexity of response to the proliferation agonist and antagonist agents, in the breast cancer cell lines with various receptors. Innovative Journal of Pharmaceutical Research.

2022 Nahid Ahmadi, Soraya Shahhosseini, Farshad H. Shirazi, Golrokh Farnam, Afshin Zarghi. Synthesis, Structural Characterization, and Cytotoxic Activity of New Benzo[d]imidazo[2,1-b]thiazole Derivatives Against MCF-7 Breast Cancer Cells. Innovative Journal of Pharmaceutical Research.

2021 Saeed Siavashy, Madjid Soltani, Fatemeh Ghorbani-Bidkorpbeh, Newsha Fallah, Golrokh Farnam, Seyed Alireza Mortazavi, Farshad H. Shirazi, Mohammad Hassan Houshdar Tehrani, Mohammad Hossein Hamed. Microfluidic Platform for Synthesis and Optimization of Chitosan-Coated Magnetic Nanoparticles in Cisplatin Delivery. Carbohydrate Polymer.

2021 Maryam Bayanati, Soraya Shahhosseini, Farshad Hosseini Shirazi, Golrokh Farnam, Afshin Zarghi . Design, Synthesis and Biological Evaluation of 1,3-Diphenyl-3-(phenylthio) propan-1-ones as New Cytotoxic Agents. Innovative Journal of Pharmaceutical Research.

2021 Nizamova Alfina Ansafovna, Galiakhmetova Elvira Khalitovna, Mochalov Konstantin Sergeevich, Bokov Dmitry Olegovich, Golrokh Farnam, Kudashkina Natalia Vladimirovna. The determination of antioxidant activity of ethanol extracts of *Gynostemma pentaphyllum*. Iranian Journal of Pharmaceutical Sciences.

2020 Golrokh Farnam, Narges Aryanpour, Reyhaneh Behtaj, Farshad H Shirazi. Cytotoxic and Cell Progression Effects of *Mentha pulegium* L Extract on Selected Cancer Cell Lines. Iranian Journal of Pharmaceutical Sciences. 2020

2020 Mojdeh Mohseni, Sahar Barzegari, Abolfazl Dashti, Golrokh Farnam, Kamyar Keshavarz, Farshad H shirazi. Differential attachment of Pulmonary cells attachment on PDMS substrate with varied feature. Innovative Journal of Pharmaceutical Research.

2019 Hariri S, Barzegari S, Keshavarz K, Nikounezhad N, Safaei B, Farnam G, Shirazi FH. FTIR bio-spectroscopy scattering correction using natural biological characteristics of different cell lines. Analyst.

چکیده مقاله / همایش ها:

2023 Farshad H. Shirazi, Eisa Kaveh, Ebrahim Salimi-Sabour, Golrokh Farnam. Network Pharmacology specifies matrix metalloproteinase 2 and 9 as the cellular targets for *Chenopodium album* L. extract on breast cancer cells. 6th International Cancer Congress. Tehran, Iran.

2023 Farshad H. Shirazi, Eisa Kaveh, Ali Jabarzadeh, Helya Bahavar, Golrokh Farnam. Luteolin Targets in Colorectal Major Diseases Treatment, A Network Pharmacology and Molecular Docking Survey. 1st Annual students congress of medical sciences universities in Tehran, Tehran, Iran.

2023 Saba Arefi, Mohammad Arefi, Golrokh Farnam, Farshad H. Shirazi. FTIR spectroscopy application evaluation for the diagnosis of cancer in human stomach tissue. 6rd International Congress on Pharmacy Updates, Tehran, Iran.

2023 Mahboube Peyrovan, Golrokh Farnam, Farshad H. Shirazi. A new model for investigating spray inhalation toxicity. 6rd International Congress on Pharmacy Updates, Tehran, Iran.

2023 Eisa Kaveh, Golrokh Farnam, Farshad H. Shirazi. Breast Cancer Cells' Androgen and beta Estrogen Receptors inhibition by luteolin; An In-Silico study. 6rd International Congress on Pharmacy Updates, Tehran, Iran.

2022 Parnia Aftabi, Kimaya Karami, Eisa Kaveh, Golrokh Farnam, Farshad H. Shirazi. Iranian Rosa persica is a treasured gift with amazing antioxidant properties. IX international scientific conference of young scientists and students "Future of development of biology, medicine and pharmacy", Kazakhstan.

- 2022** Kimaya Karami, Parnia Aftabi, Eisa Kaveh, Golrokh Farnam, Farshad H. Shirazi. Iranian *Rosa persica*; an herb with a phenomenal antioxidant potency. The first International academic conference “Medicinal plants of Kyrgyzstan: Potential. Research. Use. Prospects
- 2022** Kiana Farhadi Nejad, Eisa Kaveh, Mahdi Nasiri, Golrokh Farnam, Farshad H. Shirazi. Iranian *Salvia hypoleuca* antioxidant assay with DPPH. The first International academic conference “Medicinal plants of Kyrgyzstan: Potential. Research. Use. Prospects
- 2022** Eisa Kaveh, Golrokh Farnam, Farshad H. Shirazi. The importance of DPPH antioxidant assay parameters in the measurement of *Mentha pulegium* antioxidant activity. “Medicinal plants of Kyrgyzstan: Potential. Research. Use. Prospects
- 2021** Farnam G, Barzegari S, Mohmadzade Asl B, Hosseini Shirazi F. Application of FTIR Biospectroscopy for the Study of tissues development and teratology. Modern developments of pharmaceutical science and education, Kazakhstan.
- 2021** Arefi Saba, Mahdavinejad Arezou, Farnam Golrokh, Barzegari Banadkoki Sahar, Koohsari Nasim, Shadnia Shahin, H. Shirazi Farshad. Potential use of FTIR spectroscopy for the rapid identification of the blood Clonazepam in the poisoning management centers. ISCOMS 2021, University of Groningen, the Netherlands.
- 2020** Farnam G, Barzegari Banadkoki S, Mohammadzadehasl B, Hosseini Shirazi F. Evaluation of mouse fetus liver development with FTIR spectroscopy during the pregnancy. 3rd International Congress on Pharmacy Updates, Tehran, Iran.
- 2020** Farnam G, Barzegari S, Mohmadzade Asl B, Hosseini Shirazi F. Evaluation of FTIR ability to differentiate various embryonic day of mouse fetal life. DISCOMS 2020, University of Groningen, the Netherlands.
- 2019** Farnam G, Hosseini Shirazi F. Introducing a new protocol for Lymph nodes effects of consumable products. Second International Congress on Pharmacy Updates, Tehran, Iran.
- 2017** Farnam G, Barzegari Banadkoki S, Mohammadzadehasl B, Hosseini Shirazi F. Identification of determinant FTIR peaks from mice fetus liver development for teratogenic assay. 14th Iranian Congress of Toxicology, Shiraz, Iran.
- 2016** Farnam G, Ashtarinezhad A, Panahyab A, Mohammadzadehasl B, Hosseini Shirazi N, Hosseini Shirazi F. Fourier Transform Infrared Microspectroscopy application in the identification of phenobarbital induced fetus defects. 18th Iranian Pharmacy Students Seminar, Tabriz, Iran.
- 2016** Ashtarinezhad A, Panahyab A, Farnam G, Mohammadzadehasl B, Hosseini Shirazi F. Metronidazole teratogenic effects on fetus legs & arms; Fourier Transform Infrared Microspectroscopy study. 3rd International Congress of Veterinary Pharmacology & Pharmaceutical Sciences, Shahrekord, Iran.
- 2015** Farnam G, Mohammadzadehasl B, Hosseini Shirazi F. Mouse organs FTIR ID peaks for toxicological studies. 14th Iranian Pharmaceutical Sciences Congress, Tehran, Iran.
- 2013** Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Farnam G, Rashedi M, Hosseini Shirazi F. Mice liver FTIR-MSP 1540 cm⁻¹ wave number as the brain drug induced teratogenic marker. 12th Iranian Congress of Toxicology, Mazandaran, Iran.

2013 Ashtarinezhad A, Mohammadzadehasl B, Panahyab A, Farnam G, Rashedi M, Hosseini Shirazi F. FTIR-MSP 1580 cm⁻¹ wave number as the brain drug induced teratogenic marker. 12th Iranian Congress of Toxicology, Mazandaran, Iran.