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EDUCATION

- 1995-2000 **University of the Sciences in Philadelphia (USP), PA, USA**
- Ph.D. degree in Medicinal Chemistry
 - GPA: 4.00
 - Research Advisor: Professor Joel M. Kauffman
 - Dissertation: Synthesis and Evaluation of new fluorinated potential Antimicrobial drugs
- 1982-1988 **Tehran University of Medical Sciences, Tehran, Iran**
- Pharmacy Doctorate
 - GPA: 3.85

WORK EXPERIENCES

- 2015-present **Technical Director of Neonatal metabolic disorder screening lab, Shahid Beheshti University of Medical Sciences, School of Pharmacy, Tehran, Iran**
- 2012- 2020 **Scientific Consultant of Food and Drug Organisation of Iran (Iran FDO)**
- 2014-2016 **Director of Technology Transfer office of Shahid Beheshti University of Medical Sciences, Tehran, Iran**
- 2009-present **Head of Central Research Laboratories of Shahid Beheshti University of Medical Sciences, Tehran, Iran**
- 2013-present **Full professor, Department of Medicinal Chemistry, Shaheed Beheshti School of Pharmacy, Tehran, Iran**
- 2007-2013 **Associate professor, Department of Medicinal Chemistry, Shaheed Beheshti School of Pharmacy, Tehran, Iran**

- 2001-2007 **Assistant professor**, Department of Medicinal Chemistry,
Shaheed Beheshti School of Pharmacy, Tehran, Iran
- 2004-present **Technical Director of Iran Doping Control Laboratory**, Tehran,
Iran
- 2001-present **Member of editorial board of Iran Pharmacopoeia**
- 2002-present **Member of editorial board of Iranian Journal of Pharmaceutical
Research (IJPR)**
- 2000-2001 **Assistant professor**, University of The Sciences in Philadelphia (USP),
Philadelphia, PA, USA
- 2000-2001 **Adjunct Faculty member in Philadelphia Community College
(PCC)** Philadelphia, PA, USA
- 1995-2000 Teaching assistant, University of The Sciences in Philadelphia (USP),
Philadelphia, PA, USA
- 1991-1995 **Instructor**, Shaheed Beheshti School of Pharmacy, Tehran, Iran
- 1989-1991 **Member of Editorial Board for the book "Generic Drugs of Iran"**
Darou-Pakhsh Pharmaceutical Co., Tehran, Iran

SPECIAL COURSES & TRAINING

Current Screening Methods in Doping Analysis
Gas Chromatography-Mass Spectrometry
Liquid Chromatography-Mass Spectrometry
Solid Phase Extraction Methods
Computational Chemistry
Combinatorial Chemistry
Modern NMR Specroscopy
Neonatal Metabolic Disorders Analysis by LC-Mass

AWARDS

Abraham Glasser predoctoral research fellowship, University of The
Sciences in Philadelphia (USP), Philadelphia, PA, 1999
Student Recognition Award, American Association of Iranian
Pharmaceutical Scientists (ASIPS), San Francisco, CA, 1998
Graduate Studies Scholarship, Shaheed Beheshti University of
Medical Sciences, Tehran, Iran, 1995

LANGUAGE SKILLS

English Language, writing properly and speaking fluently
Farsi, native language

PROFESSIONAL AFFILIATIONS

American Chemical Society (ACS)
American Association of Pharmaceutical Scientists (AAPS)
Iranian Association of Pharmaceutical Scientists (IAPS)

PATENTS

Halogenated Antituberculosis Agents, Farzad Kobarfard, Joel M. Kauffman, United State Patent 6,482,982, Nov. 19, 2002
Halogenated Antituberculosis Agents, Farzad Kobarfard, Joel M. Kauffman, United State Patent 6,624,153, Sep. 23, 2003

PROJECTS CONDUCTED IN INDUSTRIAL SCALE

- 1. Synthesis and Formulation of Cetrorelix acetate**
- 2. Synthesis of Obidoxime Chloride**
- 3. Synthesis of Alprazolam**
- 4. Synthesis of Amyl Nitrite**
- 5. Synthesis of Denatonium Benzoate**
- 6. Separation and purification of Betaglucan**
- 7. Preparation of acid-resistant gelatin for manufacturing of soft gelatin capsules**

PUBLICATIONS

Books:

- 8. Acrylamide and Its Challenges (Food Safety) (Farsi)**
- 9. Principles and Applications of LC-Mass (Farsi)**
- 10. Psychotropic Compounds (Farsi)**
- 11. Prohibited Substances in Sport (Farsi)**
- 12. Iran National Formulary (member of Editorial board)**
- 13. Iranian Pharmacopoeia (Member of Editorial Board)**

Papers:

- **Green nanotechnology-based tellurium nanoparticles: Exploration of their antioxidant, antibacterial, antifungal and cytotoxic potentials against cancerous and normal cells compared to potassium tellurite**
Hossein Vahidi^aFarzad Kobarfard^bAhad Alizadeh^cMuthupandian Saravanan^dHamed Barabadi^a*Inorganic Chemistry Communications* (Volume 124, February 2021)
- **In silico prediction of SARS-CoV-2 main protease and polymerase inhibitors: 3D-Pharmacophore modelling**
Mona Mosayebnia, Atefeh Hajiagha Bozorgi, Maliheh Rezaeiانpour & Farzad Kobarfard, *Journal of Biomolecular Structure and Dynamics* (2021)
- **Evaluation of pharmacokinetic and pharmacodynamic parameters of meropenem in critically ill patients with acute kidney disease**
Rezvan Hassanpour, Shadi Ziaie, Farzad Kobarfard, Mehran Kouчек, Mirmohammad Miri, Azadeh Ahmadi Koomleh, Seyedpouzhia Shojaei, Sara Salarian, Elham Pourheidar, Fatemeh Nezarat & Mohammad Sistanizad *European Journal of Clinical Pharmacology* (2021)
- **Chemical constituents from the roots of *Caragana grandiflora* (M. B.) DC. and their chemotaxonomic importance**
Hoda Rahimi^aFarzad Kobarfard^bTahereh Hosseinabadi^aBiochemical Systematics and Ecology Volume 94, February 2021, 104188
- **Synthesis of Biuret Derivatives as Potential HIV-1 Protease Inhibitors Using (LDHs-g-HMDI-Citric Acid), as a Green Recyclable Catalyst**
Zahra Ghiasifar, Hafezeh Salehabadi, Neda Adibpour, Eskandar Alipour, Farzad Kobarfard, Mohammad Reza Shoushizadeh. *Bulletin of the Korean Chemical Society* 2021
- **Survey of protein-based sport supplements for illegally added anabolic steroids methyltestosterone and 4-androstenedione by UPLC-MS/MS**
Somaye Alaedini^aMaryam Amirahmadi^{bc}Farzad Kobarfard^dHossein Rastegar^{bc}Sasan Nasirahmadi^cShahram Shoeibi^{bc}, *Steroids. Volume 165, January 2021.*
- **Health risk assessment of aflatoxin M1 in infant formula milk in IR Iran.**
Roya Khosrokhavar^{b1}Hassan Yazdanpanah^{cd}Samira Eslamizad^cFarzad Kobarfard^{ef}Firouzeh Nazari^gVenetia Kokaraki^hManolis KokkinakisⁱMarina Goumenou^hChristina Tsitsimpikou^jAristides Tsatsakis^h. *Food and chemical Toxicology* 2020

- **Development and optimization of solid lipid nanoparticles of amikacin by central composite design**
 Jaleh Varshosaz, Solmaz Ghaffari, Mohammad Reza Khoshayand, Fatemeh Atyabi, Shirzad Azarmi & Farzad Kobarfard. *Journal of Liposome Research* Volume 20, 2010 - Issue 2
- **Thymol, thyme, and other plant sources: Health and potential uses**
 Bahare Salehi, Abhay Prakash Mishra, Ila Shukla, Mehdi Sharifi-Rad, María del Mar Contreras, Antonio Segura-Carretero, Hannane Fathi, Nafiseh Nasri Nasrabadi, Farzad Kobarfard, Javad Sharifi-Rad. *Phytotherapy Research*, 2020
- **The Synergistic Effect of Glucagon-Like Peptide-1 and Chamomile Oil on Differentiation of Mesenchymal Stem Cells into Insulin-Producing Cells.**
 Saeid Saghahazrati, Seyed Abdulmajid Ayatollahi, Farzad Kobarfard, Bagher Minaii Zang. *Cell Journal (Yakhteh)* 2019
- **Antidiabetic Potential of Medicinal Plants and Their Active Components.**
 Bahare Salehi, Athar Ata, Nanjangud V Anil Kumar, Farukh Sharopov, Karina Ramírez-Alarcón, Ana Ruiz-Ortega, Seyed Abdulmajid Ayatollahi, Patrick Valere Tsouh Fokou, Farzad Kobarfard, Zainul Amiruddin Zakaria, Marcello Iriti, Yasaman Taheri, Miquel Martorell, Antoni Sureda, William N Setzer, Alessandra Durazzo, Massimo Lucarini, Antonello Santini, Raffaele Capasso, Elise Adrian Ostrander *Biomolecules* 2019
- **Design, synthesis and biological evaluation of peptide-NSAID conjugates for targeted cancer therapy.** Bahareh Shokri, Afshin Zarghi, Soraya Shahhoseini, Reza Mohammadi, Farzad Kobarfard. *Archiv der Pharmazie* 2019
- **Athyrium plants-Review on phytopharmacy properties.** Valere Tsouh Fokou, Sevil Albayrak, Sanja Vlasisavljevic, Majid Sharifi-Rad, Indra D Bhatt, Mehdi Sharifi-Rad, Tarun Belwal, Seyed Abdulmajid Ayatollahi, Farzad Kobarfard, Athar Ata, Navid Baghalpour, Miquel Martorell, William N Setzer, Javad Sharifi-Rad. *Journal of traditional and complementary medicine* (2019)
- **Optimization of a dry powder inhaler of ciprofloxacin-loaded polymeric nanomicelles by spray drying process.** Mahdiah Farhangi, Arash Mahboubi, Farzad Kobarfard, Alireza Vatanara, Seyed Alireza Mortazavi. *Pharmaceutical development and technology* 2019
- **Encapsulated Eptifibatide with Proper Hemocompatibility and Cytotoxicity Effect.** Hasan Bardania, Seyed Abbas Shojaosadati, Farzad Kobarfard, Dina Morshedi, Farhang Aliakbari, Mohammad Taher Tahoori, Elahe Roshani. *Iranian journal of biotechnology* (2019)

- **Tsc1/Tsc2 complex: A molecular target of capsaicin for protection against testicular torsion induced injury in rats.** Nasim Javdan, Seyed Abdulmajid Ayatollahi, Muhammad Iqbal Choudhary, Safaa Al-Hasani, Farzad Kobarfard, Kobra Mokhtarian, Majid Khoshmirsafa, Athar Ata. *Iranian journal of biotechnology* (2019)
- **Health risk assessment of acrylamide in bread in Iran using LC-MS/MS.** Samira Eslamizad, Farzad Kobarfard, Christina Tsitsimpikou, Aristides Tsatsakis, Kimia Tabib, Hassan Yazdanpanah. *Food and chemical toxicology* (2019)
- **Molecular Characterization of a Fungus Producing Membrane Active Metabolite and Analysis of the Produced Secondary Metabolites.** Parisa Azerang, Vahid Khalaj, Farzad Kobarfard, Parviz Owlia, Soroush Sardari, Sahar Shahidi. *Iranian biomedical journal* (2019)
- **Dys-regulation of peripheral transcript levels of ecto-5'-nucleotidase in multiple sclerosis patients.** Farzad Kobarfard, Rezvan Noroozi, Amirreza Dowlati Beirami, Mohammad Taheri, Soudeh Ghafouri-Fard. *Human antibodies* (2019)
- **Design, Synthesis, Radiolabeling, and Biologic Evaluation of Three 18F-FDG-Radiolabeled Targeting Peptides for the Imaging of Apoptosis.** Sepideh Khoshbakht, Davood Beiki, Parham Geramifar, Farzad Kobarfard, Omid Sabzevari, Mohsen Amini, Noushin Bolourchian, Danial Shamshirian, Soraya Shahhosseini. *Cancer biotherapy & radiopharmaceuticals* (2019)
- **Synthesis of Imine Congeners of Resveratrol and Evaluation of Their Anti-Platelet Activity.** Mohammad Bigdeli, Maryam Sabbaghan, Marjan Esfahanizadeh, Farzad Kobarfard, Sara Vitalini, Marcello Iriti, Javad Sharifi-Rad. *Multidisciplinary Digital Publishing Institute* (2019)
- **Trastuzumab-monomethyl auristatin E conjugate exhibits potent cytotoxic activity in vitro against HER2-positive human breast cancer.** Meghdad Abdollahpour-Alitappeh, Majid Lotfinia, Nader Bagheri, Koushan Sineh Sepehr, Mahdi Habibi-Anbouhi, Farzad Kobarfard, Saeed Balalaie. *Journal of cellular physiology* 2019
- **Thymus spp. plants-Food applications and phytopharmacy properties.** Celia Cabral, Anastasiya V Gadetskaya, Ligia Salgueiro, Tahereh Hosseinabadi, Sadegh Rajabi, Warren Chanda, Mehdi Sharifi-Rad, Rofhiwa Bridget Mulaudzi, Seyed Abdulmajid Ayatollahi, Farzad Kobarfard, Dilhun Keriman Arserim-Uçar, Javad Sharifi-Rad, Athar Ata, Navid Baghalpour, María del Mar Contreras. *Trends in Food Science & Technology* (2019)
- **The Protective Effects of Cultured Mesenchymal Stem Cells onto the Surface of Electrospun Poly-L-Lactide Acid Scaffolds Coated withMatricaria Chamomilla L. Oil.** Saeid Saghahazrati, Seyed Abdulmajid

Ayatollahi, Farzad Kobarfard, Bagher Minaei. *Iranian Red Crescent Medical Journal* 2019

- **Optimization and high level production of recombinant synthetic Streptokinase in E. coli using Response Surface Methodology.** Mojtaba Aghaeepoor, Ali Akbarzadeh, Farzad Kobarfard, Ali Akbar Shabani, Ehsan Dehnavi, Sanaz Jamshidi Aval, Mohammad Reza Akbari Eidgahi. *Iranian journal of pharmaceutical research: IJPR* (2019)
- **Thiosemicarbazone and thiazolyhydrazones of 1-indanone: As a new class of nonacidic anti-inflammatory and antiplatelet aggregation agents.** Urooj Nazim, Mansoor Ahmed, Basharat Ali, Khalid Mohammed Khan, Mohsin Ali, Farzad Kobarfard, S Ayatollahi, Amir Hassan, Almas Jabeen, Ayesha Faheem. *Pakistan journal of pharmaceutical sciences* (2019)
- **F]FDG-Labeled CGPRPPC Peptide Serving as a Small Thrombotic Lesions Probe, Including a Comparison with [99mTc]-Labeled Form.** Sedigheh Rezaeianpour, Mona Mosayebnia, Abolghasem Moghimi, Salimeh Amidi, Parham Geramifar, Farzad Kobarfard, Soraya Shahhosseini. *Cancer biotherapy & radiopharmaceuticals* 2018)
- **Suppression of migratory and metastatic pathways via blocking VEGFR1 and VEGFR2.** Afsaneh Sadremomtaz, Farzad Kobarfard, Kamran Mansouri, Laleh Mirzanejad, S Mohsen Asghari. *Journal of Receptors and Signal Transduction* (2018)
- **Docking, synthesis, in-vitro evaluation, and optimization of reaction conditions for direct radiolabeling of CGPRPPC with technetium-99m through the GAGG sequence.** Mona Mosayebnia, Maliheh Hajiramezanali, Soraya Shahhosseini, Atefeh Hajiagha Bozorgi, Farzad Kobarfard, Sedigheh Rezaeianpour. *Nuclear medicine communications* (2018)
- **Thymol, thyme, and other plant sources: Health and potential uses.** Bahare Salehi, Abhay Prakash Mishra, Ila Shukla, Mehdi Sharifi-Rad, María del Mar Contreras, Antonio Segura-Carretero, Hannane Fathi, Nafiseh Nasri Nasrabadi, Farzad Kobarfard, Javad Sharifi-Rad. *Phytotherapy Research* 2018
- **Functionalisation of carbon nanotubes by methotrexate and study of synchronous photothermal effect of carbon nanotube and anticancer drug on cancer cell death.** Ali Karimi, Mohammad Erfan, Seyed Alireza Mortazavi, Fatemeh Ghorbani-Bidkorbeh, Farzad Kobarfard, Farshad H Shirazi. *IET nanobiotechnology* (2018)
- **Front Cover: Laccase-Based Oxidative Catalytic Systems for the Aerobic Aromatization of Tetrahydroquinazolines and Related N-Heterocyclic**

Compounds under Mild Conditions (*Eur. J. Org. Chem.* 30/2018).
Shaghayegh Saadati, Nadya Ghorashi, Amin Rostami, Farzad Kobarfard

- **Laccase-Based Oxidative Catalytic Systems for the Aerobic Aromatization of Tetrahydroquinazolines and Related N-Heterocyclic Compounds under Mild Conditions.** Shaghayegh Saadati, Nadya Ghorashi, Amin Rostami, Farzad Kobarfard. *European Journal of Organic Chemistry* (2018)
- **Preparation of an optimized ciprofloxacin-loaded chitosan nanomicelle with enhanced antibacterial activity.** Mahdiah Farhangi, Farzad Kobarfard, Arash Mahboubi, Alireza Vatanara, Seyed Alireza Mortazavi. *Drug development and industrial pharmacy* (2018)
- **Phytotherapeutics in cancer invasion and metastasis.** Bahare Salehi, Paolo Zucca, Mehdi Sharifi-Rad, Raffaele Pezzani, Sadegh Rajabi, William N Setzer, Elena Maria Varoni, Marcello Iriti, Farzad Kobarfard, Javad Sharifi-Rad. *Phytotherapy Research* (2018)
- **Antibacterial activity of some Lamiaceae species against Staphylococcus aureus in yoghurt-based drink (Doogh).** Anna Abdolshahi, Sahar Naybandi-Atashi, Mojtaba Heydari-Majd, Bahare Salehi, Farzad Kobarfard, Seyed Abdulmajid Ayatollahi, Athar Ata, Giulia Tabanelli, Mehdi Sharifi-Rad, Chiara Montanari, Marcello Iriti, Javad Sharifi-Rad. *Cellular and Molecular Biology* (2018)
- **Programmed cell death, from a cancer perspective: An overview,** Abhay P Mishra, Bahare Salehi, Mehdi Sharifi-Rad, Raffaele Pezzani, Farzad Kobarfard, Javad Sharifi-Rad, Manisha Nigam. *Molecular diagnosis & therapy* (2018)
- **Capsaicin protects against testicular torsion injury through mTOR-dependent mechanism.** Nasim Javdan, Seyed Abdulmajid Ayatollahi, Muhammad Iqbal Choudhary, Safaa Al-Hasani, Farzad Kobarfard, Ata Athar, Hamidreza Pazoki-Toroud
Theriogenology 113, 247-252 (2018)
- **Phytotherapeutics in cancer invasion and metastasis.** Bahare Salehi, Paolo Zucca, Mehdi Sharifi-Rad, Raffaele Pezzani, Sadegh Rajabi, William N Setzer, Elena Maria Varoni, Marcello Iriti, Farzad Kobarfard, Javad Sharifi-Rad
Phytotherapy Research 2018
- **The Effects of House Cooking Process on Residue Concentrations of 41 Multi-Class Pesticides in Rice.** Attaollah Shakoory, Hassan Yazdanpanah, Farzad Kobarfard, Jamshid Salamzadeh
Iranian Journal of Pharmaceutical Research 17 (2), 571-584(2018)
- **Preparation of an optimized ciprofloxacin-loaded chitosan nanomicelle with enhanced antibacterial activity.** Mahdiah Farhangi, Farzad Kobarfard, Arash Mahboubi, Alireza Vatanara, Seyed Alireza Mortazavi
Drug development and industrial pharmacy, 2018

- **Synthesis of drug metal complexes and their influence on human platelet aggregation.** Mansoor Ahmed, Mohsin Ali, Seyed Abdumajid Ayatollahi, Marjan Esfahanizadeh, **Farzad Kobarfard**, Ameer Hasan, Khalid Mohammed Khan, Syed Moazzam Haider
Pakistan journal of pharmaceutical sciences, 2018
- **Development of a ^{99m}Tc-Labeled CXCR4 Antagonist Derivative as a New Tumor Radiotracer.** Azadeh Mikaeili, Mostafa Erfani, Mohammad Shafiei, **Farzad Kobarfard**, Khosrou Abdi, Omid Sabzevar
Cancer biotherapy & radiopharmaceuticals, 2018
- **Exposure Assessment for Some Pesticides through Rice Consumption in Iran Using a Multiresidue Analysis by GC-MS.** M Amirahmadi, H Yazdanpanah, F Kobarfard... - *Iranian Journal of Pharmaceutical Research, 2018*
- **Determination of two capsaicinoids in analgesic transdermal patches using RP-HPLC and UV spectroscopy.** **F Kobarfard**, H Komeilizadeh, K Tabib, M Babaeian
Research Journal of Pharmacognosy, 2017
- **In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of destructive binding to CYP 2E1 and involvement of cellular proteolysis.** Mehdi Rajabnia Khansari, Bahareh Sadat Yousefsani, **Farzad Kobarfard**, Mehrdad Faizi, Jalal Pourahma
Environmental Science and Pollution Research, 2017
- **Protein Enrichment of Olive Cake Substrate by Solid State Fermentation of *Lentinus edodes*.** H Vahidi, MAS Reza, **F Kobarfard**
Trends in Peptide and Protein Sciences, 2017
- **Susceptibility of herpes simplex virus type 1 to monoterpenes thymol, carvacrol, p-cymene and essential oils of *Sinapis arvensis* L., *Lallemantia royleana* Benth. and *Pulicaria vulgaris* Gaertn.** J Sharifi-Rad, B Salehi, P Schnitzler, SA Ayatollahi... - *Cell Mol Biol (Noisy le Grand), 2017*
- **Prediction Model of Drug-Induced Liver Injury in Patients with Pulmonary Tuberculosis: Evaluation of the Incidence and Risk Factors.** Farzaneh Dastan, Behnam Dasht Bozorg, Ali Goodarzi, Jamshid Salamzadeh, Payam Tabarsi, **Farzad Kobarfard**, Fanak Fahimi
Journal of Pharmaceutical Care 2017;3(3-4):44-48
- **Bioactive chemical compounds in *Eremurus persicus* (Joub. & Spach) Boiss. essential oil and their health implications.** B Salehi, SA Ayatollahi, A Segura-Carretero, **F Kobarfard**, MDM Contreras, M Faizi, M Sharifi-Rad, SA Tabatabai, J Sharifi-Rad
Cellular and Molecular Biology (Noisy le Grand), 63 (9), 1-7 (2017)

- **Medicinal plants used in the treatment of tuberculosis-Ethnobotanical and ethnopharmacological approaches.** Javad Sharifi-Rad, Bahare Salehi, Zorica Z Stojanović-Radić, Patrick Valere Tsouh Fokou, Marzieh Sharifi-Rad, Gail B Mahady, Majid Sharifi-Rad, Mohammad-Reza Masjedi, Temitope O Lawal, Seyed Abdulmajid Ayatollahi, Javid Masjedi, Razieh Sharifi-Rad, William N Setzer, Mehdi Sharifi-Rad, **Farzad Kobarfard**, Atta-ur Rahman, Muhammad Iqbal Choudhary, Athar Ata, Marcello Iriti
Biotechnology advances (2017)
- **Plants of the Genus Zingiber as a Source of Bioactive Phytochemicals: From Tradition to Pharmacy.** Mehdi Sharifi-Rad, Elena Maria Varoni, Bahare Salehi, Javad Sharifi-Rad, Karl R Matthews, Seyed Abdulmajid Ayatollahi, **Farzad Kobarfard**, Salam A Ibrahim, Dima Mnayer, Zainul Amiruddin Zakaria, Majid Sharifi-Rad, Zubaida Yousaf, Marcello Iriti, Adriana Basile, Daniela Rigano
Molecules 22 (12), 2145 2017
- **Plants of the Melaleuca Genus as Antimicrobial Agents: From Farm to Pharmacy.** Javad Sharifi-Rad, Bahare Salehi, Elena Maria Varoni, Farukh Sharopov, Zubaida Yousaf, Seyed Abdulmajid Ayatollahi, **Farzad Kobarfard**, Mehdi Sharifi-Rad, Mohammad Hossain Afdjei, Majid Sharifi-Rad and Marcello Iriti
Phytother. Res. (2017)
- **In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of destructive binding to CYP 2E1 and involvement of cellular proteolysis.** Mehdi Rajabnia Khansari1, Bahareh Sadat Yousefsani, **Farzad Kobarfard**, Mehrdad Faizi, Jalal Pourahmad
Environ Sci Pollut Res. d: 3 August 2017
- **Synthesis, Characterization, In Vivo Imaging, Hemolysis, and Toxicity of Hydrophilic Ag2S Near-Infrared Quantum Dots**
Jaber Javidi, Azadeh Haeri, Farshad Hosseini Shirazi, **Farzad Kobarfard**, Simin Dadashzadeh
J Clust Sci (2017) 28:165–178
- **mZD7349 peptide-conjugated PLGA nanoparticles directed against VCAM-1 for targeted delivery of simvastatin to restore dysfunctional HUVECs,** Fatemeh Imanparast , Mohammad Ali Faramarzi , Akram Vatannejad , Maliheh Paknejad , Behnas Deihamd, **Farzad Kobarfard** , Amir Amani , Mahmood Doosti
Microvascular Research 112 (2017) 14–19
- **Transferrin-Conjugated Magnetic Dextran-Spermine Nanoparticles for Targeted Drug Transport across Blood-Brain Barrier**
Maryam Ghadiri, Ebrahim Vasheghani-Farahani, Fatemeh Atyabi, Farzad Kobarfard, Farzaneh Mohamadyar-Toupkanlou, Hossein Hosseinkhani
Journal of Biomedical Materials Research: Part A
- **In-Vitro Assessment of Magnetic Dextran-Spermine Nanoparticles for Capecitabine Delivery to Cancerous Cells**
Maryam Ghadiri, Ebrahim Vasheghani-Farahani, Fatemeh Atyabi, **Farzad Kobarfard** and Hossein Hosseinkhani
Iranian Journal of Pharmaceutical Research (2017), 16 (4): 1320-1334

- **Development of an Analytical Method for Dibutyl Phthalate Determination Using Surrogate Analyte Approach**
 Vahid Farzanehfar, Mehrdad Faizi, Nima Naderi and **Farzad Kobarfard**
Iranian Journal of Pharmaceutical Research (2017), 16 (1): 140-145
- **RP-HPLC Method Development and Validation for Determination of Eptifibatide Acetate in Bulk Drug Substance and Pharmaceutical Dosage Forms.**Maryam Bavand Savadkouhia, Hossein Vahidi, Abdul Majid Ayatollahic, Shirin Hooshfar and **Farzad Kobarfard**.
Iranian Journal of Pharmaceutical Research (2017), 16 (2): 490-497
- **Effect of Iranian traditional cooking on fate of pesticides in white rice**
 Maryam Amirahmadi, **Farzad Kobarfard**, Morteza Pirali-Hamedani, Hassan Yazdanpanah, Hossein Rastegar, Shahram Shoeibi & Amin Mousavi Khaneghah
Toxin Rev, Early Online: 1–11
- **Rational Design and Synthesis of 1-(Arylideneamino)-4aryl-1H-imidazole-2-amine Derivatives as Antiplatelet Agents** SalimehAmidi,[a] MarjanEsfahanizadeh, Kimia Tabib, Zohreh Soleimani, and **Farzad Kobarfard**
ChemMedChem 2017, 12,962–971
- **Optimization of culture media for extracellular expression of streptokinase in Escherichia coli using response surface methodology in combination with Plackett-Burman Design** Mojtaba Aghaeepoor, **Farzad Kobarfard**, Mohammad Reza Akbari Eidgahi, Aliakbar Shabani1, Ehsan Dehnavi2, Maryam Ahmadi and Ali Akbarzadeh
Tropical Journal of Pharmaceutical Research November 2017; 16 (11): 2567-2576
- **Potential of mZD7349-conjugated PLGA nanoparticles for selective targeting of vascular cell-adhesion molecule-1 in inflamed endothelium**
 Fatemeh Imanparast, Maliheh Paknejad, Mohammad Ali Faramarzi, **Farzad Kobarfard**, Amir Amani, Mahmood Doosti
Microvascular Research 106 (2016) 110–116
- **Determination of dibutyl phthalate neurobehavioral toxicity in mice**
 Vahid Farzanehfar, Nima Naderi, **Farzad Kobarfard**, Mehrdad Faizi
Food and Chemical Toxicology 94 (2016) 221e226
- **HYNIC a bifunctional prosthetic group for the labeling of peptides with 99mTc and 18FDG**
 Sepideh Khoshbakht, **Farzad Kobarfard**, Davood Beiki, Omid Sabzevari, Mohsen Amini, Faramarz Mehrnejad, Kimia Tabib, Soraya Shahhosseini
J Radioanal Nucl Chem (2016) 307:1125–1134
- **18FDG-labeled LIKKPF: a PET tracer for apoptosis imaging**
 Sepideh Khoshbakht, Davood Beiki, Parham Geramifar, **Farzad Kobarfard**, Omid Sabzevari, Mohsen Amini, Soraya Shahhosseini
Radioanal Nucl Chem (2016) 310:413–421
- **Optimization of RGD-modified Nano-liposomes Encapsulating Eptifibatide**
 Hassan Bardania, Seyed Abbas Shojaosadati, **Farzad Kobarfard**, Farid Dorkoosh
Iran J Biotech. 2016 June;14(2): e1399

- **Yield, Chemical Composition and Antibacterial Activity of *Artemisia dracunculus* L. Essential Oils Obtained by two Different Methods**
Fateme Abdollahnejad, **Farzad Kobarfard**, Mohammad, Kamalinejad, Hadi, Mehrgan & Mohammad Babaeian
Journal of Essential Oil Bearing Plants(2016)
- **Design, synthesis and QSAR study of arylidene indoles as anti-platelet aggregation inhibitors**
Seyede Sara Mirfazli, Mehdi Khoshneviszadeh, Mohammad Jeiroudi, Alireza Foroumadi, **Farzad Kobarfard**, Abbas Shafiee
Med Chem Res (2016) 25:1–18
- **Encapsulation of eptifibatide in RGD-modified nanoliposomes improves platelet aggregation inhibitory activity**
Hassan Bardania, Seyed Abbas Shojaosadati, **Farzad Kobarfard**, Farid Dorkoosh, Marjan Esfahani Zadeh, Mahmoud Naraki, Mehrdad Faizi
J Thromb Thrombolysis (2016)
- **FTIR Biospectroscopy Investigation on Cisplatin Cytotoxicity in Three Pairs of Sensitive and Resistant Cell Line**
Ensieh Farhadi, **Farzad Kobarfard** and Farshad H. Shiraz
Iranian Journal of Pharmaceutical Research (2016), 15 (1): 213-220
- **Synthesis, Radiolabeling, and Biological Evaluation of Peptide LIKKPF Functionalized with HYNIC as Apoptosis Imaging Agent**
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