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Date of Birth	Address	Phone	Academic E-mail
21 March 1988	No 847, Behesht St, Tehran, Iran	+989153165749 +9821-55639667	Yousefsani.b@iums.ac.ir

EDUCATION	2013 - 2018	Ph.D. of Toxicology	Mashhad university of medical sciences, Iran
		Title of Thesis: Hepatoprotective Effect of Crocin against Oxidative Stress induced Cytotoxicity in isolated rat hepatocytes (cellular and molecular analysis)	
	2007-2012	Pharm. D.	Mashhad university of medical sciences, Iran
		Title of Thesis: Effect of Intravenous Lipid Emulsion on acute Clozapine poisoning in rat and synthesis and extraction of Clozapine from rat brain by molecular imprinted polymer	
	2002-2006	Farzanegan High School, National Organization for Development of Exceptional Talents (NODET), Mashhad, Iran	

AWARDS and HONORS	<ul style="list-style-type: none"> • First ranked in 15th Iranian Congress of Toxicology, 2019 • First ranked in comprehensive Ph.D. examination, 2015 • First ranked in research among pharmacy students, 2013 • Top ranking in the 7th kharazmi Youth Festival (Effect of apple vinegar on hyperlipidemia) • Top student in the Farzanegan high school
SKILLS	<ul style="list-style-type: none"> • Medical education: Different types of teaching methods, Curriculum development, lesson plan and course plan development, monthly portfolio development for Persian medicine Ph. D. students, Discussion group for morning reports. • Laboratory Skills: Animal Studies (Handling (mice and rat), all types of Injections, gavage, assisting in sterile surgical procedures, collecting blood and other samples, administer medication), Cell culture (Passaging, Freezing, Storage, Recovering frozen stocks), PCR and DNA Extraction, Flowcytometry (Sample preparation to final analysis), Western Blot analysis (Sample preparation to final analysis), Hepatocyte isolation techniques, Mitochondria isolation techniques, Molecular imprinting polymer (MIP) techniques, Solid phase extraction, Oxidative stress tests (ROS generation, Lipid Peroxidation, GSH/GSSG, ...). Working with different apparatus such as HPLC, GC, UV, Power lab, Rat and Mice rotarod, ...) • Software Skills: Microsoft Office (Word, PowerPoint, Excel, Publisher), Reference Managers (Endnote, Mendeley), SPSS, Adobe Photoshop, sigma plot, GraphPad instat, GraphPad Prism. • Epidemiological and Research Skills: Research Methodology, Scientific Writing (Systematic and narrative and systematic review articles, observational and case report studies), Data Analysis, Sample size calculation and methodology for clinical trial studies, Familiar with Meta-analysis.

Risperidone Toxicity on Human Blood Lymphocytes in Nano molar Concentrations

BS Yousefsani, A Salimi, F Imani, M Ramezani, K Shirani, E Seydi, ...
Drug Research

Rhus coriaria L., a new candidate for controlling metabolic syndrome: a systematic review

F Hashem-Dabaghian, R Ghods, A Shojaii, L Abdi, M Campos-Toimil, ...
Journal of Pharmacy and Pharmacology 74 (1), 1-12

Herbal medicine in cardiovascular medicine: a discussion of herbal medications described by the Persian physician, Avicenna

BS Yousefsani, A Jamshidi, M Dadmehr
European Heart Journal 42 (32), 3037-3039

A review on phytochemical and therapeutic potential of *Iris germanica*

BS Yousefsani, M Boozari, K Shirani, A Jamshidi, M Dadmehr
Journal of Pharmacy and Pharmacology 73 (5), 611-625

بر مبنای طب ایرانی COVID-19 های گیاهی برای درمان علائم توصیه

محمدی کناری, یوسف ثانی, بهاره سادات, اقبالیان, قبادی, جمشیدی, ماهروزاده
فصلنامه علمی پژوهشی گیاهان دارویی ۲۰ (۷۷), ۱-۱۴

Herbal recommendations for treatment of COVID-19 symptoms according to Persian medicine

H Mohammadi Kenari, BS Yousefsani, F Eghbalian, A Ghobadi, ...
Journal of Medicinal Plants 20 (77), 1-14

Protective effect of crocin against mitochondrial damage and memory deficit induced by beta-amyloid in the Hippocampus of rats

BS Yousefsani, S Mehri, J Pourahmad, H Hosseinzadeh
Iranian Journal of Pharmaceutical Research: IJPR 20 (2), 79

Recommended natural products in Alzheimer's disease based on traditional Persian medicine

AH Jamshidi, F Eghbalian, S Mahroozade, H Mohammadi Kenari, ...
Journal of Medicinal Plants 19 (75), 17-29

Protective effects of naringin against drugs and chemical toxins induced hepatotoxicity: A review

K Shirani, BS Yousefsani, M Shirani, G Karimi
Phytotherapy research 34 (8), 1734-1744

Contrasting Role of Dose Increase in Modulating Sofosbuvir-Induced Hepatocyte Toxicity

BS Yousefsani, N Nabavi, J Pourahmad
Drug Research 70 (04), 137-144

The antioxidant and neuroprotective effects of Zolpidem on acrylamide-induced neurotoxicity using Wistar rat primary neuronal cortical culture

N Akbarizadeh, J Pourahmad
Toxicology reports, 233-240

Avicenna's Points of View in Epidemics: Some Advice on Coronavirus 2 (COVID-19)

S Mahroozade, HM Kenari, F Eghbalian, A Ghobadi, BS Yousefsani
Complementary Medicine Research 1 (2)

A new approach on lithium-induced neurotoxicity using rat neuronal cortical culture: Involvement of oxidative stress and lysosomal/mitochondrial toxic Cross-Talk

BS Yousefsani, R Askian, J Pourahmad
Main Group Metal Chemistry 43 (1), 15-25

The antioxidant and neuroprotective effects of Zolpidem on acrylamide-induced neurotoxicity using Wistar rat primary neuronal cortical culture

B sadat Yousefsani, N Akbarizadeh, J Pourahmad
Toxicology reports 7, 233-240

Mitochondrial and lysosomal protective agents ameliorate cytotoxicity and oxidative stress induced by cyclophosphamide and methotrexate in human blood lymphocytes

A Salimi, R Pirhadi, Z Jamali, M Ramazani, BS Yousefsani, J Pourahmad
Human & experimental toxicology 38 (11), 1266-1274

Effect of intravenous lipid emulsion on clozapine acute toxicity in rats

BS Yousefsani, SA Mohajeri, M Moshiri, AH Jafarian, H Hosseinzadeh
Journal of pharmacopuncture 22 (3), 147

Liquid Chromatography Analysis of Clozapine in Rat Brain Tissue, Using its Molecularly Imprinted Polymer after Administration of Toxic Dose of Drug and Lipid Emulsion Therapy

BS Yousefsani, SA Mohajeri, M Moshiri, H Hosseinzadeh
Current Pharmaceutical Analysis 15 (3), 251-257

Anticonvulsant activity of Viola tricolor against seizures induced by pentylenetetrazol and maximal electroshock in mice

VB Rahimi, VR Askari, M Hosseini, BS Yousefsani, HR Sadeghnia
Iranian journal of medical sciences 44 (3), 220

The mechanism of protective effect of crocin against liver mitochondrial toxicity caused by arsenic III

BS Yousefsani, J Pourahmad, H Hosseinzadeh
Toxicology Mechanisms and Methods 28 (2), 105-114

Crocine prevents sub-cellular organelle damage, proteolysis and apoptosis in rat hepatocytes: a justification for its hepatoprotection

BS Yousefsani, S Mehri, J Pourahmad, H Hosseinzadeh
Iranian Journal of Pharmaceutical Research: IJPR 17 (2), 553

Inhibition of glucose-6-phosphate dehydrogenase protects hepatocytes from aluminum phosphide-induced toxicity

A Salimi, M Paezi, BS Yousefsani, S Shadnia, ...
Pesticide biochemistry and physiology 143, 141-146

In vitro toxicity of perfluorooctane sulfonate on rat liver hepatocytes: probability of destructive binding to CYP 2E1 and involvement of cellular proteolysis

MR Khansari, BS Yousefsani, F Kobarfard, M Faizi, J Pourahmad
Environmental Science and Pollution Research 24 (29), 23382-23388

The mechanism of hepatotoxic effects of sodium nitrite on isolated rat hepatocytes

A Kiani, BS Yousefsani, P Doroudian, E Seydi, J Pourahmad
Toxicology and Environmental Health Sciences 9 (3), 244-250

Synthesis of Surface Molecularly Imprinting Polymers for Methylphenidate and its Application in Separating Methylphenidate

SBBSY Mehdi Rajabnia Khansari, Sara Shahreza, Azam Rezvanirad, Amin Nikavar
Journal of uoJ Analytical & Bioanalytical Techniques 8 (2), 1-6

	<p>Protective effect of rutin on hexachlorobutadiene-induced nephrotoxicity HR Sadeghnia, BS Yousefsani, M Rashidfar, MT Boroushaki, E Asadpour, ... Renal failure 35 (8), 1151-1155</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">BOOK CHAPTERS</p>	<p>Health Benefits of Turmeric and Curcumin Against Food Contaminants BS Yousefsani, M Dadmehr, K Shirani, A Jamshidi, T Sathyapalan, ... Natural Products and Human Diseases, 171-197</p> <p>Updates on mitochondria, calorie restriction, and aging BS Yousefsani, M Dadmehr, J Pourahmad Mitochondrial Metabolism, 99-117</p> <p>Beneficial medicinal plants for memory and cognitive functions based on traditional persian medicine BS Yousefsani, GE Barreto, A Sahebkar Pharmacological Properties of Plant-Derived Natural Products and ...</p>

1. Bahare sadat yousefsani, Jalal Pourahmad, Hossein Hosseinzadeh, (2019), A study of mitochondrial damage in Alzheimer's disease and the protective effects of crocin: dose pre-treatment and post-treatment with crocin have different therapeutic effects?, 15th Iranian Congress of Toxicology, 19 to 22 November, Tehran, Iran. (Oral presentation)
2. Bahare sadat yousefsani, Mohammad Moshiri, (2019), Preparation, evaluation, and application of clozapine molecularly imprinted particles as the sorbent in solid-phase extraction and liquid chromatography analysis of rat's brain tissue after administration of a toxic dose of drug and lipid emulsion therapy, 15th Iranian Congress of Toxicology, 19 to 22 November, Tehran, Iran. (Poster presentation)
3. Romina Askian, Bahareh sadat Yousefsani, Jalal pourahmad, Nasim Akbarizadeh (2019), A new approach on lithium-induced neurotoxicity using rat neuronal cortical culture: involvement of oxidative stress and lysosomal/mitochondrial toxic cross-talk, 15th Iranian Congress of Toxicology, 19 to 22 November, Tehran, Iran. (Poster presentation)
4. Nasim Akbarizadeh, Jalal Pourahmad, Bahare sadat Yousefsani, (2019), Zolpidem antioxidant and neuroprotective effects on acrylamide-induced neurotoxicity using primary neuronal cortical culture, 15th Iranian Congress of Toxicology, 19 to 22 November, Tehran, Iran. (Poster presentation)
5. Bahareh S. Yousefsani, AmirHosein Jamshidi (2019), Comparison between complementary dietary treatments of metabolic syndrome in Persian medicine and modern medicine, 2nd Euro-Asian Pharmacoepidemiology Congress 2019, 13-15 November, Tehran, Iran. (Poster presentation)
6. AmirHosein Jamshidi, Bahareh S. Yousefsani (2019), Clinical trials from the Avicenna's point of view, 2nd Euro-Asian Pharmacoepidemiology Congress 2019, 13-15 November, Tehran, Iran. (Poster presentation)
7. AmirHosein Jamshidi, Bahareh S. Yousefsani (2019), Report on activity and researches were conducted in school of Traditional Medicine, Iran University of Medical Sciences based on recommended foods and remedies in Iranian traditional medicine for the treatment of different diseases, 24th Iranian & 3rd International Congress of Physiology and Pharmacology 30 Oct – 01 Nov 2019, Tehran, Iran. (Oral presentation)
8. Bahareh S. Yousefsani, Hamid R. Sadeghnia, Mohammad Taher Boroushaki, Elham Asadpour (2013), Protective effect of Rutin on Hexacholorobutadiene - induced nephrotoxicity in rat, 11th International Iranian Toxicology Congress, Mashhad, Iran, 13-15 September 2011. (poster presentation)

9. Hosseinzadeh H., Mohajeri S.A, Yousefsani B.S., Moshiri M., Etemad L. Effect of Intravenous Lipid Emulsion on Clozapine acute Toxicity in Rat, 12thIranian Toxicology Congress, Sari, Iran, 15-17 May 2013. (poster presentation)
10. Hosseinzadeh H., Mohajeri S.A, Yousefsani B.S., Moshiri M. Effect of Intravenous Lipid Emulsion on Clozapine acute Toxicity in Rat, 13thIranian Toxicology Congress, Urmia, Iran, 12-14 May 2015. (poster presentation)
11. Hosseinzadeh H.,Mohajeri S.A,Yousefsani B.S.,Moshiri M., Liquid chromatography analysis of clozapine in rat brain tissue, using its molecularly imprinted polymer after administration of toxic dose of drug and lipid emulsion therapy, 14th Iranian Pharmaceutical Sciences Congress (IPSC2015). Tehran, Iran, 21-24 December, 2015. (poster presentation)
12. Crocin prevents sub-cellular organelle damage, proteolysis and apoptosis in rat hepatocytes: a justification for its hepatoprotection. Bahareh Sadat Yousefsani, Soghra Mehri, Jalal Pourahmad, Hossein Hosseinzadeh, 20th Iranian pharmaceutical students seminar, Tehran, Iran, 12-15 April 2017. (poster presentation)
13. The inhibitory effect of crocin on the induction of apoptotic proteins and cytochrome P450 2E1. Bahareh Sadat Yousefsani, Soghra Mehri, Jalal Pourahmad, Hossein Hosseinzadeh, 14th Iranian Congress of Toxicology, Shiraz, Iran. 24-26 October 2017. (Oral presentation)
14. 7th Annual Research 15-18 November 2011. as Student Referee
15. The 19th Congress of Pharmaceutical Students across the country, Shiraz, Iran. 6-9 October 2015. As Student Referee in the field of Pharmacology and Toxicology.
16. 15th International Conference on Advanced Drug Delivery Systems (ICRC 2011), Mashhad, Iran. 4-6 October 2011.
17. First International Student Congress on Cellular and Molecular Medicine in Shiraz, Iran. 17-19 February 2011.
18. The 16th Congress of Pharmaceutical Students across the country, Razi International Congress Center, Tehran, Iran. 16-18 October, 2011.
19. 19th Congress of Pharmaceutical Students across the country, Shiraz, Iran. 6-8 October 2015.
20. The 13th Seminar on Toxicology in Iran, Urmia, Iran. 12-14 May 2015.

WORKSHOPS

- Medical Education
- Entrepreneurship and business skills
- Training the Trainers of Tomorrow Today (Basic)
- Acupuncture
- Research Methodology
- Drug therapy in children
- First aid techniques
- Scientific Writing
- Patent Registration
- How to write a proposal
- Referee Training Workshop
- Reference and scientific archiving systems
- Security, transfer and backup of files and electronic information
- Introduction to the principles of Microfluiding and its applications in medical sciences
- Researcher training
- Earthquake Preparedness and Safety
- Introductory teaching method
- Innovation and Entrepreneurship Seminar in the World and Iran
- Student evaluation methods
- Review studies
- Search strategy for systematic review
- Scientometrics indicators
- Leech therapy