

## Curriculum Vitae

### ► Personal Information

Name: Hossein Javdani

Gender: male

Nationality: Iranian

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### ► Education

- **Ph.D Molecular Medicine Birjand University of medical Sciences (2014- Oct 2020)**  
*Ph.D thesis title:* Synthesis and characterization of mesoporous silica nanoparticles (MSN) and evaluation of its protective role on oxidative stress induced by acute poisoning of iron.
- **Shahid Bahonar University of Kerman Faculty of Veterinary (2006- 2012)**  
*DVM Thesis title:* Detection of nervous tissues in cooked sausage by Immunohistochemistry
- **High school, Ali ibn Abi Talib (2000-2005)**
- **Guidance School, shahed (1997-2000)**
- **Primary School, Emam reza (1991-1997)**

### ► Publications

- Motahareh Boozari; Ensiyeh Karimi; **Hossein Javdani**; Mehran Hosseini; Fatemeh Shaebani Behbahani; Nasrin Zandi Dashtebayaze; Shadi Zerehpooch-Nesfchi; Ali Farahi; Legha Ansari; Milad Iranshahy; Mehrdad Iranshahi and Akram Taleghani, "Conjugation of parthenolide with amine-containing anticancer drugs as a new method for the treatment of cancer: the case of parthenolide-melphalan conjugate." *Journal of Drug Delivery Science and Technology*” Under Review (2021) (IF = 2.73)
- Mohsen Foadoddini; **Hossein Javdani**; Ali Faeahi; Mehran Hosseini. “Therapeutic potential of *Ferula foetida* (Bunge) Regel in a rat gastric-ulcer model”. Submitted in *Environmental Science and Pollution Research* Under Review (2021) (IF = 3.05)

- **Hossein Javdani**, Mehran Hosseini, Khadijeh Farrokhfall and Alireza Shahriari. "Gastroprotective Effect of Ethanolic Extract of Rosa Damascene and the Possible Mechanisms against Peptic Ulcer in Rats". Submitted in "Gastroenterologia y Hepatologia (2021) (IF = 1.58)
- **Hossein Javdani**, Rasoul Khosravi, Leila Etemad, Mohammad Moshiri, Asghar Zarban, and Mohammad Yahya Hanafi-Bojd. "Tannic acid-templated mesoporous silica nanoparticles as an effective treatment in acute ferrous sulfate poisoning." *Microporous and Mesoporous Materials* (2020): 110486. (IF = 4.55)
- **Hossein Javdani**, Leila Etemad, Mohammad Moshiri, Mohammad Yahya Hanafi-Bojd and Asghar Zarban. "Effect of Tannic acid-templated mesoporous silica nanoparticles on iron induced oxidative stress and liver toxicity in rats. Submitted in "Food and Chemical Toxicology" Current status: Under Review (2020) (IF = 4.679)
- Parsamanesh, Negin, Maryam Moossavi, Tahmineh Tavakkoli, **Hossein Javdani**, Tahereh Fakharian, Seyedeh Zahra Moossavi, and Mohsen Naseri. "Positive correlation between vitamin D receptor gene TaqI variant and gastric cancer predisposition in a sample of Iranian population." *Journal of Cellular Physiology* 234, no. 9 (2019): 15044-15047. (IF = 5.546)
- **Hossein Javdani**, and Negin Parsamanesh. "MicroRNA based Novel Strategies for Cancer Treatment." *Research in Molecular Medicine (RMM)* (2018): 5-15.
- Moossavi, Maryam, Reyhane Hoshyar, Mina Hemmati, Ali Farahi, and **Hossein Javdani**. "An invivo study on the hepato-protective effects of Crocus sativus, Ziziphus jujuba and Berberis vulgaris against acute acetaminophen and rifampicin-induced hepatotoxicity." *Clinical Phytoscience* 2, no. 1 (2017): 16. (IF = 2.5)
- Rezaei, Mohammad, Hajar Akbari Dastjerdi, Hassan Jafari, Ali Farahi, Arman Shahabi, **Hossein Javdani**, Hossein Teimoori, Mohammad Yahyaei, and Ali Akbar Malekirad. "Assessment of dairy products consumed on the Arakmarket as determined by heavy metal residues." *Health* 2014 (2014). (IF = 0.82)
- Rezaei, Mohammad, Fereshteh Karimi, Mohammad Yahyaei, **Hossein Javdani**, Arman Shahabi, and Ali Farahi. "A survey of microbial total count and prevalence of Escherichia

coli in raw milk in Markazi Province, Iran." *Research Opinions in Animal and Veterinary Sciences* 3, no. 12 (2013): 474-477.

### ► Congress and Seminars

- 1- 2014 6th International Congress on laboratory and Clinic. Tehran. IRAN. (Poster presentation)
- 2- Mohaghegh, Zabihollah, Reyhane Hoshyar, Mina Hemmati, Ali Farahi, Hossein Javdani, Maryam Valavi, Aliyeh Abolghasemi, and Masoud Najjarzadeh. "4th National Congress on Medicinal Plants 12, 13 May 2015 Tehran-Iran."

### ► Awards and Honors

- 1) Wins First Prize at PhD Comprehensive Examination.
- 2) First ranked PhD student of molecular medicine in Birjand University of Medical Sciences
- 3) Top student in PhD. Course

### ► Work Experiences:

- Work as a veterinary expert in the veterinary Rafsanjan organization ( 2013-2014)
- Collaborating with Comprehensive Research Laboratory in Birjand University of Medical Sciences

### ► Professional Skills

- Nanoparticles synthesis
- Characterization of nanoparticles
- Experimental animal models
- DNA extraction
- RNA extraction
- Gel Electrophoresis
- SDS-PAGE
- PCR
- Real time PCR
- Cell culture
- MTT assay
- ELIZA

- GraphPad Prism
- SPSS

## ▶ Workshops Participation

- In vitro cell death assay
- Cell culture
- Laboratory safety
- Personalized medicine
- Cell imaging
- MicroRNA
- Western blotting
- HPLC
- Article writing
- SPSS

## ▶ Languages

- Persian: Native
- English: intermediate

## ▶ References

- Prof. Mohammad Fereidouni, Head Dept. of molecular medicine, Birjand University of Medical Sciences  
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## Resume: Hossein Javdani

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- Associate Prof. Mohammad Yahya Hanafi-Bojd, Department of Pharmacology, Birjand University of Medical Sciences  
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