

**Personal Records:**

Name: Sajad, **Surname:** Fakhri

Date and Place of Birth: 1990, Kermanshah, Iran

Nationality: Iranian

Gender: Male **Marital status:** Married

Appointment: Ph.D. of Pharmacology

Email address: Pharmacy.sajad@yahoo.com, SFakhri@sbmu.ac.ir, Sajad.Fakhri@kums.ac.ir

Language skills: Farsi, English

Educational Records:**Pharm.D.**

- Professional Doctorate of Pharmacy, Kermanshah University of Medical Sciences. 2015

Ph.D.

- Pharmacology, Shahid Beheshti University of Medical Sciences, 2018

AWARDS:

2017, 1st Best Ph.D. Student in the Board Exam of Ph.D. course.

2017, 1st Best Ph.D. Student, Shahid Beheshti University, Faculty of Medicine

2015, 1st Best Ph.D. Student, Shahid Beheshti University, Faculty of Medicine

2015, 1st Best pharmacology presentation in IPSS19.

2015, 3rd Best Student in the “Entrance Exam of Ph.D. of Pharmacology”.

2015, an active student of “student committee research” of KUMS.

2012, 1st Best oral presentation in the IPSS17 seminar

2012, 2nd Best poster presentation in the IPSS17 seminar.

2011, Scientific Excellence Student of KUMS.

2010, Scientifically Superior (Academic Excellence) Student of KUMS.

Publications

Full papers:

- **Sajad Fakhri**, Leila Dargahi, Fatemeh Abbaszadeh, Masoumeh Jorjani (2018). Effects of astaxanthin on sensory-motor function in a compression model of spinal cord injury: Involvement of ERK and AKT signaling pathway. *European Journal of Pain*. In press

-**Sajad Fakhri**, Leila Dargahi, Fatemeh Abbaszadeh, Masoumeh Jorjani (2018). Astaxanthin attenuates neuroinflammation contributed to the neuropathic pain and motor dysfunction following compression spinal cord injury. *Brain research bulletin*. 143, 217-224

-**Sajad Fakhri**, Fatemeh Abbaszadeh, Leila Dargahi, Masoumeh Jorjani (2018). Astaxanthin: A Mechanistic Review on its Biological Activities and Health benefits. *Pharmacological research*. 136: 1-20

-**Sajad Fakhri**, Parisa Shokoohinia, Marzieh Marami, Nastaran Ghiasvnd, Leila Hosseinzadeh, Yalda Shokoohinia (2018). Acute and Sub-Chronic Toxicity Evaluation of Aqueous Extract of Phoenix Dactylifera Seeds in Wistar Rats. *Journal of Reports in Pharmaceutical Sciences*, 319-330.

-Heidar Heidari Khoei, **Sajad Fakhri**, Siavash Parvardeh, Zahra Shams, Mofarahe, Hojjat Ghasemnejad-Berenji, Hamid Nazarian & Zahra Baninameh (2018). Testicular toxicity and reproductive performance of streptozotocin-induced diabetic male rats: the ameliorating role of silymarin as an antioxidant, *Toxin Reviews*, 1-11

-Heidar Heidari Khoei, **Sajad Fakhri**, Siavash Parvardeh, Zahra Shams Mofarahe, Zahra Baninameh & Mina Vardiani (2018). Astaxanthin prevents the methotrexate-induced reproductive toxicity by targeting oxidative stress in male mice, *Toxin Reviews*, 1-7.

-**Sajad Fakhri**, Bahareh Mohammadi, Ronak Jalili, Marziyeh Hajjalyani, Gholamreza Bahrami (2018). Screening and confirmation of different synthetic adulterants in slimming products. *Asian J Pharm Clin Res*, Vol 11, Issue 2, 260-264.

-Marziyeh Pandpazir, Amir Kiani, **Sajad Fakhri**, Zahra Mousavi (2018). Anti-Inflammatory Effect and Skin Toxicity of Aqueous Extract of Dorema ammoniacum Gum in Experimental Animals. *Research Journal of Pharmacognosy (RJP)* 5(4), 1-8.

-**Fakhri S**, Abbaszadeh F, Jorjani M (2017). Astaxanthin as a potent neuroprotective agent. *Pajouhandeh*, 21(6):356-363.

- Razieh Samandari, Majid Hassanpour-Ezatti, **Sajad Fakhri**, Fatemeh Abbaszadeh Masoumeh Jorjani (2018), Sex differences and Role of Gonadal Hormones on Glutamate Level After Spinal Cord Injury in Rats: A Microdialysis. Basic and Clinical Neuroscience. In press

-Bahareh Mohammadi, Esmail Tammari, **Sajad Fakhri**, Gholamreza Bahrami (2013). Applicability of LC-MS/MS to optimize derivatization of topiramate with FMOC-Cl using reacted/intact drug ratio. Journal of Chromatography B, 928, 32–36.

-Mohammad Bagher Majnooni, Ronak Jalili, Bahareh Mohammadi, Sayed Shahram Miraghaee, Mohammad Taher Bahrami, **Sajad Fakhri**, Gholamreza Bahrami (2014). development and validation of a new method for determination of topiramate in bulk and pharmaceutical formulation using high-performance liquid chromatography-UV detection after pre-column derivatization. Journal of Reports in Pharmaceutical Sciences 3(2), 179-183.

-Houshang Najafi, Saeed Changizi Ashtiyani, Seyed Hamid Madani, **Sajad Fakhri**, Zeynab Mohamadi yarijani, Mehdi Hazem. Therapeutic effects of Curcumin on renal tissue damages induced by ischemia reperfusion in the rat. Koomesh, winter 1393.

-Houshang Najafi, Saeed Changizi Ashtiyani, Seyed Abolhasan Sayedzadeh, Zeynab Mohammad yarijani, **Sajad Fakhri** (2015). Therapeutic Effects of Curcumin on the Functional Disturbances and Oxidative Stress Induced by Renal Ischemia/Reperfusion in Rats. AJP, Vol. 5(6),

Abstracts:

Sajad Fakhri, Fatemeh Abbaszadeh, Leila Dargahi, Masoumeh Jorjani. Astaxanthin Effects on Sensory-Motor function in a clip compression Model of Spinal Cord Injury. **Oral Presentation** in 10th International Congress of Laboratory and Clinics- 3th National Congress of Basic Medical Sciences and the Knowledge-based production, 2018.

Sajad Fakhri, Parisa Shokoohinia, Mohsen Sharafi, Rasoul Jafari, Ghobad Mohammadi, Amir Kiani, Yalda Shokoohinia. A new potent product in inflammation and arthritis:Formulation, pharmaceutical assessment, analysis and clinical studies. **Oral Presentation** in 9th International Congress of Laboratory and Clinics- 2th National Congress of Basic Medical Sciences and the Knowledge-based production, 2017.

S. Fakhri, M. Ayazi, K. Derakhshandeh, Pharmacokinetic of a potent anticancer: free drug compares to loaded PLGA and PLGA-PEG nanoparticles. **Oral Presentation** in IPSS 17.

Sajad Fakhri, Amir Kiani, Marziyeh Pandpazir, Zahra Mousavi. Evaluation of the skin toxicity of Dorema ammoniacum gum extract in experimental animals. **Mini-Oral Presentation** in 10th

International Congress of Laboratory and Clinics- 3rd National Congress of Basic Medical Sciences and the Knowledge-based production, 2018.

Sajad Fakhri, Fatemeh Abbaszadeh, Leila Dargahi, Masoumeh Jorjani. Pharmacological Therapies and related Mechanisms of Action involved in the Pain Management, following Spinal Cord Injury: a Review. **Mini-Oral Presentation** in 10th International Congress of Laboratory and Clinics- 3rd National Congress of Basic Medical Sciences and the Knowledge-based production, 2018.

Sajad Fakhri, Fatemeh Abbaszadeh, Leila Dargahi, Masoumeh Jorjani. Astaxanthin as a Potent Therapeutic Agent: A Review. **Mini-Oral Presentation** in 10th International Congress of Laboratory and Clinics- 3rd National Congress of Basic Medical Sciences and the Knowledge-based production, 2018.

Marziyeh Pandpazir, Amir Kiani, **Sajad Fakhri**, Zahra Mousavi. Evaluation of anti-inflammatory effect of Doremma amoniacum gum. Physiology and Pharmacology. 2018

Sajad Fakhri, Bahareh Mohammadi, Ronak Jalili, Gholamreza Bahrami. Presence of synthetic pharmaceuticals as adulterants in fifteen Slimming products of Iran markets. **Poster Presentation** in IPSS19

Sajad Fakhri, Parisa Shokoohinia, Mohsen Sharafi, Rasoul Jafari, Ghobad Mohammadi, Amir Kiani, Yalda Shokoohinia. A new potent anti-arthritis cream: from formulation to clinical studies. **Poster Presentation** in IPSS19

Sajad Fakhri, Leila Hosseinzadeh, Mehrdad Ayazi, Komail SadrJavadi, Ali Fattah. Preparation and characterization of novel chitosan/water soluble tragacanth porous scaffolds with freeze-gelation technique. **Poster Presentation** in IPSS 1391.

Parisa Shokoohinia, **Sajad Fakhri**, Mohsen Sharafi, Rasoul Jafari, Ghobad Mohammadi, Amir Kiani, Yalda Shokoohinia. ANTI-INFLAMMATORY EFFECT OF A CINNAMON FORMULATION AGAINST CARRAGEENAN-INDUCED PAW EDEMA IN RATS. X International Symposium on the Chemistry of Natural Compound, November 2013, 181.

A. Fattahi, M. Ayazi, **S. Fakhri**, L. Hosseinzadeh, K. SadrJavadi. Preparation and characterization of porous chitosan/ tragacanthic acid hybrid scaffold with the freeze-gelation method. IPSC 2012.

K. Derakhshandeh, **S. Fakhri***, M. Ayazi. The role of PEG ratio on pharmacokinetic of drug loaded in PLGA-PEG nanoparticles. **Poster Presentation** in IPSC 2012.

سجاد فخری، پریسا شکوهی نیا، محسن شرفی، رسول جعفری، قباد محمدی، امیر کیانی، یلدا شکوهی نیا. بررسی اثر ضد التهابی مفاصل کرم چهل گیاه. اولین همایش ملی تجاری سازی گیاهان دارویی و فرآورده های طبیعی، مهر 1392

سجاد فخری، مهدی احمدی، آرام فرجی، مهرداد ایازی، علی زارعی، بلدا شکوهی نیا، صحت، دقت و اعتبار سنجی های شیمیایی در تعیین مقدار فرآورده های طبیعی، دومین کنگره پژوهشی دانشجویان علوم پزشکی کرمانشاه، 1392

سجاد فخری، پریسا شکوهی نیا، محسن شرفی، رسول جعفری، قباد محمدی، امیر کیانی، بلدا شکوهی نیا. بررسی مطالعات درون تن- برون تن یک کرم ضد آرتربت گیاهی، سمینار علوم دارویی مازندران، 1393

Workshops and Referee:

-Teaching in “Western Blot: Techniques, Theory and Trouble Shooting” workshop of NBRC, 2018.

-Medical search, Research proposal, Research methodology, Principles of Real-Time PCR workshops.

-Virtual referee workshop of Iranian Pharmacist Student Seminar (IPSS19).

-The scientific referee in 10th International Congress of Laboratory and Clinics- 3rd National Congress of Basic Medical Sciences and the Knowledge-based production, 2018.

-The scientific referee in 9th International Congress of Laboratory and Clinics- 2nd National Congress of Basic Medical Sciences and the Knowledge-based production, 2017.

-The scientific referee in IPSS19.

Responsibilities:

- Supervisor of Student Committee Research in pharmacy school of KUMS, 1397

-General secretary of Student Committee Research in pharmacy school of KUMS, 1392-1394

-Responsible for training unit of Student Committee Research in pharmacy school of KUMS, 1391-1392

- مشارکت در بازنگری برنامه آموزشی رشته فارماکولوژی مصوب تاریخ 97/4/24

همکاری در طرح های تحقیقاتی:

- بررسی مکانیسم اثر آستانانتین بر بهبود عملکرد حسی-حرکتی موش صحرایی مبتلا به ضایعه نخاعی: نقش فاکتور مهارکننده مهاجرت ماکروفاژ

- بررسی اثر محافظتی آستانانتین بر آسیب های تستیکولار ناشی از متوتروکسات

- بررسی اثر محافظتی سیلیمارین بر آسیب های تستیکولار ناشی از استرپتوزوسین در رت دیابتی

-مطالعه احتمال وجود تقلب در فرآورده های ضد چاقی موجود در بازار ایران

-تهیه، ارزیابی فیزیکوشیمیایی و میکروبی و بررسی اثر ضد التهابی یک پماد گیاهی (پتنت)

-مطالعه پیلوت اثرات ضد دیابت فراکسیون غنی از الیگوساکارید یک گیاه دارویی در درمان بیماران مبتلا به دیابت (پتنت)

-تعیین اثر فراکسیون غنی از الیگوساکارید جدا شده از یک گونه گیاه رز بر تکثیر و مهار اپوپتوز القا شده توسط

استرپتوزوسین در رده سلولی RIN-m5F

-بررسی اثرات درمانی کورکومین بر نارسایی حاد القا شده توسط ایسکمی/خونرسانی مجدد در رت

-بررسی اثرات بالینی یک فرمولاسیون گیاهی در تسکین دردهای مفصلی بیماران مبتلا به استئوآرتریت (پتنت)

-بررسی سمیت حاد و تحت مزمن عصاره هسته خرما در موش صحرایی