

Curriculum Vitae



Hossein Zhaleh

**Assistant Prof of Cell and Molecular Biology
Kermanshah University of Medical Sciences**

Address: Kermanshah University of Medical Sciences, Kermanshah, Iran
Marriage Status: Married (a boy)

E-mail: hossain_jale@yahoo.com, hosseinzhaleh@kums.ac.ir
Languages: Farsi (native) and English (semi-fluently)

Professional activity

Apr 2017-**today**: *Assistant Professor*, Kermanshah University of Medical Sciences, Iran.

Members

Apr 2017- **today**: Member of the Supreme Council of the Research Center for Substance Abuse Prevention, Kermanshah University of Medical Sciences

Apr 2020- **today**: Member of the Supreme Council of the Health Institute, Kermanshah University of Medical Sciences

Educational Records

B.Sc

From: Razi University, Kermanshah, Iran (2004-2008)
Major: Animal Biology

M.Sc

From: Razi University, Kermanshah, Iran (2008-2011)
Major: Cell and Molecular Biology
Title Thesis: Effect of extracellular Ca²⁺ concentrations on stability of Morphine induced neuronal differentiation in PC12 cells

Ph.D

From: Razi University, Kermanshah, Iran (2013-2016)
Major: Cell and Molecular Biology
Title Thesis: The Effects of Bone Marrow Mesenchymal Stem Cells Soup on Endometrial Epithelial Cell Receptivity and Trophoblast Cell Adhesion in Mouse

Honors and Awards

Top B.Sc student of Biology Department, Razi University, 2008.
Top M.Sc student of Cell and Molecular Biology, Razi University, 2011.
Top Ph.D student of Cell and Molecular Biology, Razi University, 2016.
Top researcher of Drug Abuse prevention Research Center, 2019

Teaching

Cellular Biology lab, for B.S students of Razi University. 2007-2008
Microbiology lab, for B.S students of Razi University. 2007-2008
Genetics lab, for B.S students of Razi University. 2008-2009
Cell and tissue culture lab, for M.Sc students of Razi University. 2008-2009
Cellular Biology, for B.S students of Razi University. 2007-2008
Molecular Biology, for B.S students of Razi University. 2007-2008
Molecular Genetics, for B.S students of Razi University. 2007-2008
Basic Genetics, for B.S students of Razi University. 2007-2008
Cellular Biology, for B.S students of Razi University. 2008-2009

Molecular Biology, for B.S students of Razi University. 2008-2009
Molecular Genetics, for B.S students of Razi University. 2008-2009
Basic Genetics, for B.S students of Razi University. 2008-2009
Cellular Biology, for B.S students of Razi University. 2009-2010
Molecular Biology, for B.S students of Razi University. 2009-2010
Molecular Genetics, for B.S students of Razi University. 2009-2010
Basic Genetics, for B.S students of Razi University. 2009-2010
Cellular and Molecular Biology, for B.S students of Razi University. 2012-2013
Human Molecular Genetics, for B.S students of Razi University. 2013-2014
Human Cytogenetic, for B.S students of Razi University. 2013-2014
Molecular Biotechnology, for B.S students of Razi University. 2013-2014
Cellular and Molecular Biology, for B.S students of Radiology, Kermanshah University of Medical Sciences. 2018-2019
Cellular and Molecular Biology, for M.Sc. students of Radiobiology, Kermanshah University of Medical Sciences. 2018-2019
Cellular and Molecular Biology, for M.Sc. students of Immunology, Kermanshah University of Medical Sciences. 2018-2019
Cell Culture Techniques, for M.Sc. students of Radiobiology, Kermanshah University of Medical Sciences. 2018-2019
Cell Culture Techniques, for M.Sc. students of Radiobiology, Kermanshah University of Medical Sciences. 2019-2020

Area and Experts

Cell Biology (Cell and Molecular Signaling Pathway in Stem Cells and Cell Lines)

Developmental Biology (Sperm Analysis (Human, Rat and Mouse), Molecular Signaling Pathway in (Sperm, Embryo Implantation and Oocyte), ICSI, IVF, IVM, IVG, and ...)

Cytology (Cell Culture (Primary, Cell line and Stem Cell), Differentiation, Apoptosis, Cytotoxicity and Stability assay)

Molecular Biology (ELISA, WB, ICC, IHC, PCR, Microinjection, Electroporation, Flowcytometry and ...)

Cancer Biology (Cell lines and Animal Models)

Nanotechnology (nanodrug Delivery)

Bioinformatics

Published Full Journal Papers

1- Effects of extracellular calcium concentration on neurite outgrowth in PC12 cells by staurosporine.

Hossain Zhaleh., Mehri Azadbakht., Ali Bidmeshki Pour

Published in Neuroscience Letters

2- Possible involvement of calcium channels and plasma membrane receptors on Staurosporine-induced neurite outgrowth

Hossain Zhaleh., Mehri Azadbakht, Ali Bidmeshki Pour

Published in Bosnian Journal of Basic Medical Sciences

3- Phosphoinositid signal pathway mediate neurite outgrowth in PC12 Cells by Staurosporine
Hossein Zhaleh., Mehri Azadbakht

Published in Bratislava Medical Journal

4- Effect of Lithium chloride on the Corpus Luteum formation and its Angiogenesis IN RAT
E. Goodarzi., A. Ahmadzadeh., H. Zhaleh., B. Zeynali

Published in General Endocrinology

5- *In vitro/in vivo* evaluation of agar nanospheres for pulmonary delivery of bupropion HCl
Jaleh Varshosaz., Mohsen Minaiyan., Mohammad Reza Zaki., Milad Fathi, Hossein Zhaleh

Published in Informa Healthcare

6-Macroanatomy of the Azygos Vein: a comparative description between Human, Dog and Sheep

Mohsen Zhaleh., Nader Goodarzi., Mohammad Mehdi Zangeneh., Akram zangeneh., Hossein Zhaleh

Published in International Journal of Medical Research and Health Sciences

7- Protective Effects of Mouse Bone Marrow Mesenchymal Stem Cell Soup on Staurosporine Induced Cell Death in PC12 and U87 Cell Lines
Hossein Zhaleh., Mehri Azadbakht., Ali Bidmeshki Pour

Published in International Journal of Medical Research & Health Sciences

8- Inhibitory effects of mouse bone marrow mesenchymal stem cell soup on staurosporine-induced cell death in MCF-7 and AGS
Hossein Zhaleh., Mehri Azadbakht., Ali Bidmeshki Pour

Published in Bratislava Medical Journal

9-Nephroprotective activity of Alyssum meniocoides Boiss aqueous extract on streptozotocin-induced diabetic nephrotoxicity in male mice
Mohammad Mahdi Zangeneh, Akram Zangeneh, Hossein Amiri, Nassim Amiri, Reza Tahvilian, Rohallah Moradi, Hossein Zhaleh, Payam Razeghi Tehrani

Published in Comparative Clinical Pathology

10-Genistein attenuates seizure-induced hippocampal brain-derived neurotrophic factor overexpression in ovariectomized rats
Mehdi Khodamoradi, Hamed Ghazvini, Saeed Esmaeili-Mahani, Kaveh Shahveisi, Vahid Farnia, Hossein Zhaleh, Nasrin Abdoli, Zeinab Akbarnejad, Hakimeh Saadati, Vahid Sheibani

Published in Journal of Chemical Neuroanatomy

11-Chemical Composition and Antibacterial Effects of Essential Oil of Rhus coriaria Fruits in the West of Iran (Kermanshah)
Mohsen Zhaleh, Nasrollah Sohrabi, Mohammad Mahdi Zangeneh, Akram Zangeneh, Rohallah Moradi and Hossein Zhaleh

Published in Journal of Essential Oil Bearing Plants

12- The Role of Aggression and Sleep Quality on Substance Abuse in Risky Drivers
Nasrin Abdoli, Vahid Farnia, Safora Salemi, Hossein Zhaleh, Mehdi Khodamordi, Touraj Ahmadijouybari, Sanobar Gholshani, and Mostafa Alikhani

Published in Int J High Risk Behav Addict

13- Hepatoprotective and hematoprotective effects of Falcaria vulgaris aqueous extract against CCl4-induced hepatic injury in mice
Mohammad Mahdi Zangeneh, Akram Zangeneh, Reza Tahvilian, Rohallah Moradi, Hossein Zhaleh, Amir Amiri-Paryan and Erfan Bahrami

Published in Comparative Clinical Pathology

14- Synthesis, characterization, cytotoxicity and DNA binding studies of Fe₃O₄@SiO₂ nanoparticles coated by an antiviral drug lamivudine

Nahid Shahabadi, Aref Khorshidi, Hossein Zhaleh, Soheila Kashanian

Published in Journal of Drug Delivery Science and Technology

15-Effect of Pentoxifylline on Staurosporine-Induced Neurite Elongation in PC12 Cells

Loghman Diojan, Hossein Zhaleh, Mehri Azadbakht, Ali Bidmeshkipour, Ehsan Khodamoradi

Published in Asian Pacific Journal of Cancer Prevention

16-Effects of low-dose morphine suppress methamphetamine-induced cell death by inhibiting the ROS generation and caspase-3 activity

Komail Amini, Hossein Zhaleh, Reza Tahvilian

Published in Bratislavskélekarstvá

17- Signal Transduction of Improving Effects of Ibudilast on Methamphetamine Induced Cell Death

Reza Tahvilian, Komail Amini, Hossein Zhaleh

Published in Asian Pacific Journal of Cancer Prevention

18-Low concentration of morphine protects against cell death, oxidative stress and calcium accumulation by nicotine in PC12 cells

Komail Amini, Hossein Zhaleh, Reza Tahvilian, Vahid Farnia

Published in Bratislavskélekarstvá

19-The effect of *Descurainiasophia* oil on methamphetamine-induced cell cytotoxicity and cell death in PC12

Moslem Sahraei, Masoumeh Khanahmadi, Rohallah Moradi, Nazanin Kazemi, Hossein Zhaleh

Published in Comparative Clinical Pathology

20-Increasing the anticancer activity of azidothymidine toward the breast cancer via rational design of magnetic drug carrier based on molecular imprinting technology

Ali reza Hassanpour, Hossein Zhaleh, Mohsen Irandoust, Ebrahim Soleimani

Published in Materials Science and Engineering: C

21-Antiproliferative effects of new magnetic pH-responsive drug delivery system composed of Fe₃O₄, CaAl layered double hydroxide and levodopa on melanoma cancer cells

Nahid Shahabadi, Mahtab Razlansari, Hossein Zhaleh, Kamran Mansouri

Published in Materials Science and Engineering: C

22-Spectrophotometric and physicochemical studies on the interaction of a new platinum (IV) complex containing the drug pregabalin with calf thymus DNA

Nahid Shahabadi, Sara Amiri, Hossein Zhaleh

Published in Journal of Coordination Chemistry

23-Folic acid receptor-targeted solid lipid nanoparticles to enhance cytotoxicity of letrozole through induction of caspase-3 dependent-apoptosis for breast cancer treatment

Atefeh Yassemi, Soheila Kashanian, Hossein Zhaleh

Published in Pharmaceutical Development and Technology

24-Carbon dots; the smallest photoresponsive structure of carbon in advanced drug targeting

Abas Amer Ridha, Parvaneh Pakravan, Abas Hemati Azandaryani, Hossein Zhaleh

Published in Journal of Drug Delivery Science and Technology

25-Healing and cytotoxicity potentials of ointment containing aqueous extract of *Anethumgraveolens* on cutaneous wounds in male rats

S Goorani, MK Koohi, MM Zangeneh, N Seydi, H Zhaleh

Published in Comparative Clinical Pathology

26-effect of *Vigna radiata*, *Tamarix ramosissima* and *Carthamus lanatus* extracts on *Leishmania major* and *Leishmania tropica*: an in vitro study

A Akya, RC Lorestani, H Zhaleh, FN Zargarani, k Ghadiri, M Rostamian

Published in Chinese Herbal Medicines

27-Low concentrations of morphine enhanced the neuroglia-like differentiation
Hossein Zhaleh, Mehri Azadbakht, Ali Bidmeshki Pour

Published in Bratislavskélekarský

28-Low concentrations of methamphetamine can suppress inflammation in trophoblast JEG-3 cell line induced by nicotine

Hossein Zhaleh, Amer Ridha Abas, Komail Amini

Published in Bratisl Med J

29-Mesenchymal stem cell condition medium enhanced cell viability in morphine-treated cells

Hossein Zhaleh, Ali Bidmeshki Pour, Mehri Azadbakht

Published in Croatian Medical Journal

30-Mesenchymal stem cell condition medium enhanced cell viability in morphine-treated cells

Hossein Zhaleh, Ali Bidmeshki Pour, Mehri Azadbakht

Published in Bratislavskélekarský

31-Chemical characterization and suppressor potent of Juglans regia essential oil on tramadol-induced cell death

M Sahraei, Hossein Zhaleh, M Khanahmadi, R Moradi, N Kazemi

Published in Essential Oil journal of Plant Bearing

32- Investigation of controlled release properties and anticancer effect of Folic acid conjugated magnetic core-shell nanoparticles as a dual responsive drug delivery system on A-549 and A-431 cancer cell lines

Nahid Shahabadi, Hossein Zhaleh, MAhtab Razlansari, Aref Khoeshidi

Published in Research on Chemical Intermediates

33-Enhanced Intracellular Delivery of Curcumin by Chitosan-Lipoic Acid as Reduction-Responsive Nanoparticles

Somayeh Rezaei, Soheila Kashanian, Yadollah Bahrami, Hossein Zhaleh, Luis J Cruz

Published in Current pharmaceutical biotechnology

34- A promising dual-targeted drug delivery system in cancer therapy: nanocomplexes of folate-Apoferritin conjugated cationic solid lipid nanoparticles

Abbas Amer Ridha, Hossein Zhaleh, Soheila Kashanian, Ronak Rafipour, Abbas Hemati Azandaryani and Elahe Mahdavian

Published in Pharmaceutical Development and Technology

35. Integrative analysis of DNA methylation and gene expression profiles to identify biomarkers of glioblastoma

Mohammad Reza Alivand, Sajad Najafi, Sajjad Esmaeili, D Rahmanpour, Hossein Zhaleh, Yazdan Rahmati

Published in Cancer Genetics

36. MiR-574-5P, miR-1827, and miR-4429 As Potential Biomarkers for Schizophrenia

Omran Davarinejad, Sajad Najafi, Hossein Zhaleh, Farzaneh Golmohammadi, Farnaz Radmehr, Mostafa Alikhani, Reza Heidari Moghadam, Yazdan Rahmati

Published in Journal of Molecular Neuroscience

37. Enhanced in vitro cytotoxicity and intracellular uptake of Genipin via loaded on Nano-Liposomes made from soy lecithin in MCF-7 cells

Tahereh Naseriyeh, Tayebah Noori, Hosna Alvandi, Hossein Zhaleh, Leila Behbood, Alireza Shamsi, Faranak Aghaz, Elham Arkan

Published in Neuromedicine Journal

38. The role of IDH1 mutation on gene expression in glioblastoma

Sajad Najafi, Sajjad Esmaeili, Hossein ZHaleh, Yazdan RAhmati

Published in Informatics in Medicine Unlocked

39. Integrative analysis of DNA methylation and gene expression profiles to identify biomarkers of glioblastoma

Mohammad Reza Alivand, Sajad Najafi, Sajjad Esmaeili, Hossein ZHaleh, Yazdan RAhmati

Published in Cancer Genetics

- 40-** اثر غلظتهای مختلف مورفین بر فرا رشد نوریتی القا شده توسط استوروسپورین در سلولهای PC12
حسین ژاله، مهری آزادبخت، علی بیدمشکی پور، سید محمد امین حرمشاهی، موسی کهتری
چاپ شده در مجله علوم تشریح ایران
- 41-** بررسی اثر محافظتی مورفین بر مرگ سلولی القا شده در سلولهای PC12 در شرایط کشت بدون سرم
حسین ژاله، دکتر علی بیدمشکی پور، دکتر مهری آزادبخت، محمد امین حرمشاهی
چاپ شده در مجله علمی دانشگاه علوم پزشکی بابل
- 42-** نقش حفاظتی غلظت های پایین مورفین بر اثرات مرگ سلولی القا شده دگزامتازون در سلول های تمایز یافته PC12
سعید نجمی نژاد، حسین ژاله، دکتر مهری آزادبخت، محمد امین حرمشاهی
چاپ شده در مجله علمی دانشگاه علوم پزشکی بابل
- 43-** اثرات حفاظت عصبی روغن سیاهدانه (*nigella sativa L.*) بر مرگ سلولی القا شده توسط نیکوتین
محسن ژاله، صدراله صیدی، شهاب خوشخوی، حسین ژاله
چاپ شده در مجله دانش و تندرستی دانشگاه علوم پزشکی شاهرود

Revised Papers

1-Effect of atorvastatin-conjugated nanotubes on U87 cell lines cell cytotoxicity-induced by meth-morphine

European Journal of Pharmaceutical Sciences

2-The role of Phosphodistrase Inhibitor; cAMP Signal Pathway during Suppress the Sigma and Dopamine Receptor in Neural Cell Death of Methamphetamine

Hossein Zhaleh; Reza Tahvilian

Toxicology in Vitro

3- Effects of Pentoxyphilline (PTX) as phosphodistrase inhibitor suppressed the cell cytotoxicity and inflammatory effects of methamphetamine

Hossein Zhaleh, Komail Amini, Reza Tahvilian

Final revised in CMJ

4- Study of the role of sigma-1 receptors in methamphetamine induced cell cytotoxicity

Final revised in Toxicology in Vitro

Abstract in Congress

1- Anneh Mohmmad Gharavi, Rostam Ghorbani, Mohsen Zhaleh, Hossein Zhaleh. De-waxing and hydration of paraffin sections only by water.

4th Asian-pacific International Congress of Anatomists.(APICA)7-10September 2005, Kusadasi, Turkey

2-Rostam Ghorbani, Anneh Mohammed Gharravi, Mohsen Zhaleh, Hossain Zhaleh, Maryam Yadegari, Gholam Hossein Raj abi. Elimination of xylem from tissue processing.

4th Asian-Pacific International Congress of Anatomists

(APICA)7-10 September 2005, Kusadasi, Turkey

3-Mohsen Zhaleh, Rostam Ghorbani, Hossain Zhaleh. Comparative study of effects of two types of chronic morphine administration (S.c injection & oral) on hippocampal CA1 pyramidal neurons in male rats.

First International Iranian congress on biological science, 14,15 December 2005,Karaj,Iran

5- Zhaleh M., Ghorbani R., Pourmotabbed A., Zhaleh H. Effects of morphine dependency by two methods (oral and injection) on numbers and density of granular cells of dentate gyros in male rats hippocampus.

7th Iranian congress of anatomical sciences. Kashan university of medical science.10-12 may 2006

6- Zhaleh M., Ghorbani R., Zhaleh H. Effects of morphine dependency on serum level of testosterone and testes weight in male rat.

7th Iranian congress of anatomical sciences. Kashan university of medical science.10-12 may 2006

7- Zhaleh Hossein, Yousofvand Namdar, Yarani Reaza, Rashidi Zahra. Antioxidant enzymes gene expression during aging in rat brain. 19th Iranian congress of physiology and pharmacology.

Shahid beheshti university of medical sciences. 3-6 Nov 2009.

8- Zhaleh Hossein, Yousofvand Namdar, Yarani Reaza, Rashidi Zahra. Apoptosis – related gene expression during aging in rat brain. 19th Iranian congress of physiology and pharmacology. Shahid beheshti university of medical sciences. 3-6 Nov 2009.

9- Zhaleh Hossein, Yousofvand Namdar, Saeid Dezfuli nejad, Fereidun Yavari, Yarani Reaza, Rashidi Zahra. Study of variation of trace elements in serum of rat during aging.

Kerman university of medical sciences. Jan 2010.

10- Hossein Zhaleh, Azadbakht Mehri, Bidmeshki Pour Ali. Prolonged Low concentrations of morphine application Protects PC12 Cells against serum Deprivation induced-cell injury. 1th Iranian congress of Neurosciences. Glestan University of medical sciences. Feb 2011.

11- Hossein Zhaleh, Azadbakht Mehri, Bidmeshki Pour Ali. The role of phosphoinositid pathway in Staurosporine induced neurite outgrowth in PC12 cells. 1th Iranian congress of Neurosciences. Glestan University of medical sciences. Feb 2011.

12- Hossein Zhaleh, Azadbakht Mehri, Bidmeshki Pour Ali. Effects of acute different concentrations of morphine on effects of staurosporine on neurite outgrowth and cell death in PC12 cells.

1th Iranian congress of Neurosciences. Glestan University of medical sciences. Feb 2011.

13- Hossein Zhaleh, Azadbakht Mehri, Bidmeshki Pour Ali. Effects of extracellular calcium concentration on neurite outgrowth in PC12 cells by staurosporine.

1th Iranian congress of Neurosciences. Glestan University of medical sciences. Feb 2011.

14- Zahra Bashiri, Mehri Azadbakht, Hossein Zhaleh, Morteza Najafi Mehr. Parthenogenetic Activation of Mouse Oocyte Using Calcium Ionophore in The Presence of Different Concentrations of Extracellular Calcium.

Royan International Twin Congress 13th Congress on Reproductive Biomedicine 5-7 September 2012.

15- Azade Goodarzashti, Mehri Azadbakht, Hossein Zhaleh, Mahsa Pourmoradi. Effect of Pentoxifylline in the Presence of Staurosporine on Neuronal Differentiation in Mouse Bone Marrow Mesenchymal Stem Cells.

Royan International Twin Congress 13th Congress on Reproductive Biomedicine 5-7 September 2013.

16- Azade Goodarzashti, Mehri Azadbakht, Hossein Zhaleh, Mahsa Pourmoradi. Effect of Pentoxifylline in the Presence of Staurosporine on Mouse Bone Marrow Mesenchymal Stem Cells.

Royan International Twin Congress 13th Congress on Reproductive Biomedicine 5-7 September 2013.

17- Fateme Javanmar, Mehri Azadbakht, Hossein Zhaleh. Effect of hydrostatic pressure in the Presence of Staurosporine on neurite outgrowth in Mouse Bone Marrow Mesenchymal Stem Cells.

Royan International Twin Congress 13th Congress on Reproductive Biomedicine 5-7 September 2013.

18- Fateme Javanmar, Mehri Azadbakht, Hossein Zhaleh. Effect of hydrostatic pressure in the Presence of Staurosporine on Mouse Bone Marrow Mesenchymal Stem Cells.

Royan International Twin Congress 13th Congress on Reproductive Biomedicine 5-7 September 2013.

19-In vitro antibacterial activity of essential oil of Pistaciakhinjuk (Combined with the dominance γ -terpinene) on Escherichia coli O157:H7.

Reza Tahvilian., Rohallah Moradi., Hossein Zhaleh., Mohammad Mahdi Zangeneh., Akram Zangeneh., Hossein Yazdani., Majid Hajialiani

The 17th International and Iranian Congress of Microbiology.

20-Ethnomedicinal Plants: Evaluation of antibacterial effect of essential oil of Pistaciakhinjuk (Combined with the dominance γ -terpinene) on Staphylococcus aureus.

Reza Tahvilian., Rohallah Moradi., Hossein Zhaleh., Mohammad Mahdi Zangeneh., Akram Zangeneh., Hossein Yazdani., Majid Hajialiani

The 17th International and Iranian Congress of Microbiology.

21-Chemical composition and in vitro antibacterial effect of essential oil of Pistaciakhinjuk (Combined with the dominance γ -terpinene) on Pseudomonas aeruginosa.

Reza Tahvilian., Rohallah Moradi., Hossein Zhaleh., Mohammad Mahdi Zangeneh., Akram Zangeneh., Hossein Yazdani., Majid Hajialiani

The First National Avesina Congress Herbs and Medicine of Avesina.

22-Ethnomedicinal Plants: Screening of in vitro antibacterial effect of essential oil of Pistaciakhinjuk (Combined with the dominance γ -terpinene) on Bacillus subtilis.

Reza Tahvilian., Rohallah Moradi., Hossein Zhaleh., Mohammad Mahdi Zangeneh., Akram Zangeneh., Hossein Yazdani., Majid Hajialiani

The First National Avesina Congress Herbs and Medicine of Avesina.

23- Comparison of reaction time in methamphetamine users with normal drivers

Vahid Farnia, Mehdi Khodamoradi, Nasrin Abdoli, Hania Shahandeh, Hossein Zhaleh, Saiedeh Bahrampoori, Saiedeh Bahrampoori

11th annual international addiction science congress, tehran, iran. 2017

24- Difference in memory performance in substance abusers, leaving, with ordinary people

Hossein Zhaleh, Mehdi Khodamoradi, Nasrin Abdoli, Fariba Uosafi, Afsar Mehrannia, Saiedeh Bahrampoori

11th annual international addiction science congress, tehran, Iran. 2017

25-effects of low concentrations of nicotine on staurosporine-induced neurite outgrowth in pc12 cells

vahid farnia, Hossein Zhaleh, zhaleh shahmoradi, reza tahvilian

11th annual international addiction science congress, tehran, iran. 2017

26-effects of dextromethorphan on nicotine -induced cell death in mcf-7 cells

vahid farnia, hossein zhaleh, reza tahvilian, zhaleh shahmoradi

11th annual international addiction science congress, tehran, iran. 2017

27-mouse bone marrow mesenchymal stem cell soup inhibited the cell death in pc12 cells by morphine

Hossein Zhaleh, Ali Bidmeshki Pour, Mehri Azadbakht

11th annual international addiction science congress, tehran, iran . 2017

28-the inhibitory effects of caffeine nanoparticle on steurospurine induced cell death in u87 glioblastoma cell line

12th annual international addiction science congress, tehran, iran . 2018

29-the effects of caffeine-nanoparticle on morphine-induced cell death in u87 cells

12th annual international addiction science congress, tehran, iran . 2018

30-effects of morphine nanoparticles on neurite outgrowth in u87 cells

12th annual international addiction science congress, tehran, iran . 2018

31-effects of morphine nanoparticles on cell proliferation and cell death of u87 cells

12th annual international addiction science congress, tehran, iran . 2018

32-Effects of methadone nanoparticles on cell proliferation and cell viability of MCF-7 cells

Maedeh Tahvilian, Reza Tahvilian, Hossein Zhaleh, Fereshteh Bagheri and Alireza Hassanpour

J Pharm Drug Deliv Res 2018, Volume 7; 16th International Conference and Exhibition on Pharmaceutics & Novel Drug Delivery Systems, berlin, Germany; 2018

33- effects of Punica granatum seed oil on methadone –induced cell death

10th basic and clinical neuroscience congress, 2021, Tehran, Iran

34- The role of PI3K/AKT/mTOR Pathway in Methamphetamine-induced Neural Cell Death

10th basic and clinical neuroscience congress, 2021, Tehran, Iran

Projects

1. مقایسه تاثیر درمانی تحریک الکتریکی مستقیم فرا ججمه ای (tDCS) با رفتار درمانی شناختی (CBT) بر میزان اضطراب و افسردگی پس از ترک اعتیاد به مت آمفتامین
2. بررسی پروفایل بیانی بیماران اسکیزوفرنی و معتادین به مت آمفتامین و بررسی شباهت آنها
3. بررسی فعالیت ضد سرطانی داروی جنیپین بارگذاری شده با نانوذرات لیپوزوم
4. سنتز نانوذرات زیست سازگار و زیست تجزیه پذیر Fe₃O₄@Gel برای انتقال داروی های مورفین و ترامادول
5. سنتز، شناسایی و بررسی رهایش هدفمند وابسته به pH داروی ترانیلاست در نانوحامل-های مغناطیسی حاوی آل-سیستئین به همراه نانوذرات روی و بررسی عملکرد آن در سلول های SH-SY5Y و PC12
6. بررسی اثر سوپ رویی سلول های بنیادی مزانشیمی مغز استخوان موش بر مرگ سلولی القا شده توسط داروی مت آمفتامین در سلول های رده سلولی PC12
7. بررسی اثر داروی ایپودیلاست بر مهار سیگنال مرگ سلولی القا شده توسط داروی مت آمفتامین در سلول های عصبی رده سلولی PC12
8. بررسی اثر ترکیبی (Combination) کروکومین و کروسین در کاهش پاسخهای التهابی در موش صحرایی آرتریتی
9. بررسی اثرات نانو حامل های مولکولی قالب گیری شده حاوی مورفین بر فرا رشد نوریتی القا شده توسط استوروسپورین در سلول های رده PC12
10. بررسی اثر داروی پنتوکسی فیلین بر مرگ سلولی القا شده توسط داروی آمفتامین در سلول های عصبی رده سلولی PC12
11. مطالعه برون تنی (in vitro) اثر عصاره سه گیاه گز، ماش و خار زرد روی لیشمانیا ماژور و لیشمانیا تروپیکا
12. بررسی اثر پماد عصاره های آبی گیاه سورانه و جفت گیاه بلوط به صورت مستقل از هم، بر روند ترمیم زخم در موش های صحرایی نر
13. بررسی اثر فعالیت های التهابی غلظت های مختلف مت آمفتامین بر سلول های شبه عصبی رده سلولی PC12
14. بررسی اثرات ضد میکروبی اسانس های گیاه خار شتر (Alhagi sp.) و گیاه سماق (Rhus sp.) روی استافیلوکوکوس اورئوس، باسیلوس سوبتیلیس، اشیشیاکلای و سودوموناس آنروژینوزا

Thesis (Supervised dissertation)

MSc:

1. Effects of nanocaffein on morphine induced cell death in U87 cells by morphine-2018
2. Effects of nanocaffein on staurosporine induced cell death in U87 cells -2018
3. Effects of nanocaffein on methamphetamine induced cell death in U87 cells -2018
4. Effects of nanocaffein on nicotine induced cell death in U87 cells -2018
5. Effects of Punica granatum essential oil on methadone induced cell death in PC12 cells -2020
6. Effects of Nigella sativa essential oil on nicotine induced cell death in PC12 cells - 2019
7. Effects of Prunus amygdalus var amara essential oil on morphine induced cell death in PC12 cells -2019
8. Effects of Descurainia sophia essential oil on methamphetamine induced cell death in PC12 cells -2019
9. Effects of Juglans regia essential oil on tramadole induced cell death in PC12 cells - 2020
10. Inhibitory effects of Amilophylline and IBMX on morphine induced cell death in neural cells -2019
11. Improvement effects of teophylline and teobromine on methamphetamine induced cell death in neural cells -2019
12. Inhibitory effects of levostatine on methamphetamine and morphine induced cell death in neural cells -2019

PhD:

1. Connection of atorvastatin medicine to carbon nanotubes and evaluation of their effects on mortality of cells affected by morphine and amphetamine- 2020
2. Effects of morphine-loaded molecularly imprinted polymer (MIP) nanocarriers on staurosporine-induced neurite elongation in PC12 cells-2020

IR. Patent

Purification of Gamma Trpinen for Cancer