

In the name of GOD

Personal Information:

Surname: **Parvaneh** First name: **Naserzadeh**

Nationality: **Iranian** Date of birth: **1988**

Place of Birth: **Khoy, Iran**

E-mail: Naserzadeh_2011@yahoo.com

Position: PhD student of toxicology

Office address: Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran

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Educational background:

PhD in Toxicology, -Faculty of Pharmacy, Shahid Beheshti University of Medical Sciences, Tehran, Iran,2014

M.Sc in Toxicology, Islamic Azad University, Science and Research Branch,Tehran, Iran 2012-2014(2 field) **GPA : 16.67 out of 20**

B.Sc in Micro biology, Zanjan University, Zanjan, Iran.2007-2011. **GPA: 18.38 out of 20**

Diploma of Pre-university in Natural Science, Adeb School, Khoy, Iran.2003. **GPA:17 out of 20**

Diploma of Secondary Education in Natural Science, Adeb School, Khoy, Iran School, .2004 **GPA:17.38 out of 20**

Dissertation title of M.Sc

A search for mitochondrial damage by cigarette smoke extract using isolated mitochondria obtained from brain ,heart ,lung and skin of wistar rats

Dissertation title of Ph.D.

بررسی مکانیسم های سمیت سلولی و میتوکندریایی نانوذرات مشتق شده از فیبرونین ابریشم بر روی سلولهای لنفوسیت و فیبروبلاست

Languages:

English

Persian: Native

Projects Leader

2015 (Ongoing)

Protective effect of Ozone against Hemiscorpius lepturus venom on isolated mitochondria

Protective effect of Ozone against Naja Naja venom on Brain and Spinal cord isolated mitochondria

Protective effect of Ozone against Echis Carinatus venom on isolated mitochondria.

Projects Collaboration:

2014 (Ongoing)

New mechanistic approach of gold Nano rod toxicity: impairment in brain tumor mitochondrial electron transfer

2014 (Ongoing)

Toxicity of gold nano rod on isolated Mouse Skin Tumor mitochondria

2014 (Ongoing)

Gold nano rod particle, selectively induces ROS-mediated apoptosis in mononuclear cells by directly targeting mitochondria

Advisor

*Toxicity of Hemiscorpiuslepturus venom on isolated heart mitochondria: Inhibition of Respiratory Complex IV Orchestrates ROS Mediated Apoptosis.

*Toxicity mechanisms of Autrovastatin, Leuvastatin, Semistatin on Pancreas using Isolated Mitochondria

* Toxicity mechanisms of Mephedrone Heart using Isolated Mitochondria

* Toxicity mechanisms of Li Heart using Isolated Mitochondria

*Selective Toxicity of Super paramagnatisis on skin Mitochondria Isolated from Animal Model of cancer skin

*Selective Toxicity of carbon nano tube on skin Mitochondria Isolated from Animal Model of cancer skin

Confrensesses:

21st international congress of physiology and pharmacology ,23-27 August 2013,Tabrize university sciences
12st congress of Toxicology ,15-17 may ,2013

14th Asian Symposium on medicinal plants, Spices and other Natural products.
3rd Neuro Science Congress 2014,October 29-31,2014

International congress of cytometry (CYTO 2014 in Florida)

international congress of cytometry (CYTO 2015 in Scotland)

Certificates

- ✓ Certification of attendance on ADAM model workshop,(Simcype –Sheffield university.UK)
- ✓ Primary Methods in Molecular Biology(Iranian Biological Resource Center Researches,)
- ✓ Primary Methods in Molecular Biology (Iranian Biological Resource Center Researches,)
- ✓ Certification of attendance on End Note workshop and Biology Statistics in IRBC(Iranian Biological Researches Center),

- ✓ Certification of attendance on Animal Laboratory workshop and Biology Statistics in IRBC(Iranian Biological Researches Center),
- ✓ Certification of attendance on SPSS workshop and Biology Statistics in IRBC(Iranian Biological Researches Center),
- ✓ Certification of attendance on follow cytometry workshop and (Royan Institute of Iran, Tehran),
- ✓ Isolation of mitochondria Technique (Faculty Of Pharmacy-Beheshti university –tehran ,Iran)

Experimental Skill

Expert: Microscopy, Cell Culture and MTT Assay, Isolation of mitochondria method , Paper Chromatography, UV-Vis Spectrometry. Follow cytometry, fluorometry, lumenometry,
Elementary: HPLC, GC MASS, Immuno histochemistry(IHC)

COMPUTATIONAL Skills

publisher, SPSS, End Note, EXCL, Prism 6, SAS, Minitab, power point

Membership

Member of Iranian Cell Death Association (ICDA)

Member of International cell death Society (ICDS)

Member of International Society for Advancement of Cytometry (ISAC)

ISI Papers:

1. Shayan Amiri, Hossein Amini-Khoei, Arya Haj-Mirzaian, Maryam Rahimi-Balaei, **Parvaneh Naserzadeh** , Ahmad Reza Dehpour , Shahram Ejtemaei Mehr , Mir-Jamal Hosseini .
Tropisetron attenuated the anxiogenic effects of social isolation by modulating nitroergic system and mitochondrial function. Biochimica et Biophysica Acta 1850 (2015) 2464–2475

2. Arya Haj-Mirzaian, Shayan Amiri, Hossein Amini-Khoei, Maryam Rahimi-Balaei, Nastaran Kordjazy, Carl O. Olsonc, Mojgan Rastegar, **Parvaneh Naserzadeh**, Hassan Marzban, Ahmad Reza Dehpour, Mir-Jamal Hosseini, Erika Samiei, Shahram Ejtemaei Mehr, *Attenuation of oxidative and nitrosative stress in cortical area associates with antidepressant-like effects of tropisetron in male mice following social isolation stress. Brain Research Bulletin 124 (2016) 150–163.*

3. Nina Mirderikvand, Baharak Mohammadzadeh Asl, **Parvaneh Naserzadeh**, Fatemeh Shaki, Mohammad Shokrzadeh and Jalal Pourahmad. *Embryo Toxic Effects of Depleted Uranium on the Morphology of the Mouse Fetus*. Iranian Journal of Pharmaceutical Research (2014), 13 (1): 199-206.

4. Mehrdad Faizi, Ahmad Salimi, Motahareh Rasoulzadeh, **Parvaneh Naserzadeh** and Jalal Pourahmad. *Schizophrenia Induces Oxidative Stress and Cytochrome C Release in Isolated Rat Brain Mitochondria: a Possible Pathway for Induction of Apoptosis and Neurodegeneration*. Iranian Journal of Pharmaceutical Research (2014),13 (supplement): 93-100.

5. **Parvaneh Naserzadeh**, Mir-Jamal Hosseini, Sepideh Arbabi and Jalal Pourahmad. *A Comparison of Toxicity Mechanisms of Cigarette Smoke on Isolated Mitochondria Obtained from Rat Liver and Skin*. Iranian Journal of Pharmaceutical Research (2015), 14 (1): 271-277

6. **Parvaneh Naserzadeh**, Mir-Jamal Hosseini, Baharak Mohammadzadeh Asl and Jalal Pourahmad. *Toxicity Mechanisms of Cigarette Smoke on Mouse Fetus Mitochondria*. Iranian Journal of Pharmaceutical Research (2015),14 (Supplement): 131-138

7. Farhad Emami, Baharak Mohammadzadeh Asl, Enayatollah Seydi, Mohammad Zargar, **Parvaneh Naserzadeh**,Jalal Pourahmad. *Embryotoxic Effects of Atorvastatin on Mouse Fetus*. Iranian Journal of Pharmaceutical Sciences2013: 9 (1): 13-23

8. Mehrdad Faizi, Ahmad Salimi, Enayatolla Seydi, **Parvaneh Naserzadeh**, Mehdi Kouhnavard, Atena Rahimi & Jalal Pourahmad. *Toxicity of cuprizone a Cu²⁺ chelating agent on isolated mouse brain mitochondria: a justification for demyelination and subsequent behavioral dysfunction*. Toxicology Mechanisms and Methods. ISSN: 1537-6516 (Print) 1537-6524

9. Mir-Jamal Hosseini, **Parvaneh Naserzadeh**, Ahmad Salimic & Jalal Pourahmad. *Toxicity of cigarette smoke on isolated lung, heart, and brain mitochondria: induction of oxidative stress and cytochrome c release*. Toxicological & Environmental Chemistry.

10. M.-J. Hosseini, I. Jafarian, S. Farahani R. Khodadadi, S. H. Tagavi, **P. Naserzadeh**, A. Mohammadi-Bardbori and N. Arghavanifard . *New mechanistic approach of inorganic palladium toxicity: impairment in mitochondrial electron transfer*. Metallomics. Accepted 9th December 2015

11. Salimi A, Eybagi S, Seydi E, **Naserzadeh P**, Kazerouni NP, Pourahmad J. Toxicity of macrolide antibiotics on isolated heart mitochondria: a justification for their cardiotoxic adverse effect. Xenobiotica. 2015 Jun 11:1-12. (in press).

۱۲. **Naserzadeh P**. Toxicity of Propofol on isolated hippocampus mitochondria: Interactions with respiratory chain complexes and cytochrome c release (on going)

13 **Naserzadeh P**. Morphological and biological effects of maternal exposure to Tio₂ nanoparticles on the fetoplacental unit. (on going)

14 **Naserzadeh P.** Antioxidative protective effect of Ozone Therapy on isolated mitochondria from human sperm.(on going)