

Curriculum Vitae

Rasool Azmoonfar,

MSc of Radiobiology and Radiation Protection



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Educational Record

MSc in Radiobiology and Radiation Protection, Department of Radiobiology and Radiology, Shiraz University of Medical Sciences, Shiraz, Iran 2010-2013

BSc in Radiology Technology, Department of Radiology, Iran University of Medical sciences, Tehran, Iran 2005-2008

MSc Thesis: Analysis of microwave induced bystander effects from a GSM mobile phone simulator on catalase activity and apoptosis in Jurkat cell line

Supervisor: Professor S.M.J Mortazavi

Professional Work Experience

1. Faculty member of Radiology School of Paramedical Sciences, Hamadan University of Medical Sciences, Hamadan, Iran, 2019 -present
2. Faculty member of Radiology and Nuclear Medicine School of Paramedical Sciences, Kermanshah University of Medical Sciences, Kermanshah, Iran, **2016-2019**
3. Mentor Internship of Radiology and Nuclear Medicine Student in Imam Reza Hospital, Kermanshah University of Medical Sciences, Kermanshah, Iran, **2013-2016**
4. Medical Imaging Technologist in Imam Reza Hospital, Kermanshah University of Medical Sciences, Kermanshah, Iran **2013-2014**

Publication (Journal Paper)

1. **R Azmoonfar**, M Najafi, A Rezaeyan, E Khodamoradi, N Rasouli, Adsorption of Radioactive Materials by Green Microalgae *Dunaliella salina* from Aqueous Solution, Iranian Journal of Medical Physics (Accept) 2019
2. **R Azmoonfar**, P Amini, R Yahyapour, A Rezaeyan, A Tavassoli, E Motevaseli, E Khodamoradi, D Shabeeb, AE Musa, M Najafi Mitigation of radiation-induced pneumonitis and lung fibrosis using alpha-lipoic acid and resveratrol. Anti-inflammatory & anti-allergy agents in medicinal chemistry, 2019, 18, 1-9
3. **Rasoul Azmoonfar**, Peyman Amini, Hana Saffar, Saeed Rezapoor, Elahe Motevaseli, Mohsen Cheki, Rasoul Yahyapour, Bagher farhood, Farzad Nouruzi, Ehsan Khodamoradi, Dheyauldeen Shabeeb, Ahmed Eleojo Musa, Masoud Najafi, Metformin Protects against Radiation-Induced Pneumonitis and Fibrosis and Attenuates Upregulation of Dual Oxidase Genes Expression, Advanced Pharmaceutical Bulletin, 2018, 8(4), 697-704
4. MR Tohidnia, **R Azmoonfar**, S AbbasiAzizi, T Izadi, F Aziz-zadeh, Evaluation of the Observance of Radiation Protection Principles in Dentistry Centers in Kermanshah province (West Iran), Iranian Journal of Medical Physics 15, 448-448
5. **R Azmoonfar**, E Khodamoradi, M Mohammadi, A Kiani, A Haghparast, N Sharafi, Activation of Radioadaptive Response via Injected Serum of Irradiated Rats with Low Doses of Ionizing Radiation, Iranian Journal of Medical Physics, 2018, 15, 200

6. Fatemeh Amiri, M R Tohidnia, S Haydarizadi, **R Azmoonfar**, Contrast Agents and Observing Patient Safety Programs in Radiology Departments in Kermanshah Province Hospitals in West of Iran, ACTA INFORM MED. 2018 MAR; 26(1): 42-45
7. **Azmoonfar R**, Faghirnavaz H, Younesi H, Morovati E, Ghorbani Zh, Tohidnia M. R, Physicians' Knowledge about Radiation Dose in Radiological Investigation in Iran, J Biomed Phys Eng 2016; 6(4)
8. SMJ Mortazavi, N Erfani, H Mozdarani, **R Azmoonfar**, N Shokrpour, Induction of Apoptosis by 900 MHz Radiofrequency Radiation Emitted from a GSM Mobile Phone Simulator in Bystander Jurkat Cells, International Journal of Radiation Research, April 2015, 13(2)

Oral and Poster Presentation in Congress

1. **Azmoonfar R**, Khodamoradi E, Mohammadi M, Kiani A, Haghparast A. Activation of Radioadaptive Response via Injected Serum of Irradiated Rats with Low Doses of Ionizing Radiation. **12th Iranian Congress of Medical Physics, July 2018**
2. Tohidnia MR, **Azmoonfar R**, AbbasiAzizi S. Izadi T, Aziz-zadeh F, Evaluation of the Observance of Radiation Protection Principles in Dentistry Centers in Kermanshah province (West Iran). **12th Iranian Congress of Medical Physics, July 2018**
3. Tohidnia MR, **Azmoonfar R**, Alikhani S, Amiri F, Ghanbari R, Evaluation of the Frequency of Lesions in Panoramic Radiography in Patients Referred to Imaging Centers in Kermanshah Province. **12th Iranian Congress of Medical Physics, July 2018**
4. **Azmoonfar R**, Faghirnavaz H, Younesi H, Morovati E, Ghorbani Zh, Tohidnia M. R, Doctors's Knowledge about Radiation Dose in Radiological Investigation in Iran, **1st National Congress of Paramedical Student, Mazandaran, Iran, 2015**
5. SMJ Mortazavi, **R Azmoonfar**, H Zamani, A Moradshahi, M Najafi, H Rezaeian, M Mohammadi, S Sajjadi Z Ghorbani, Green Microalga Dunaliella salina as a Novel Algal Strain for Absorption of Radionuclides from the Environment

after a Nuclear Accident, **11th Iranian Medical Physics Conference, Tehran, Iran, 2014**

6. **Azmoonfar R**, Teymuri M, Abdollahi H, For removing radioactive contaminants released in the environment after a nuclear accident, what should we do?, **the European Medical Physics and Engineering Conference, 18-20 October 2012, Sofia, Bulgaria.**
7. Abdollahi H, Teymuri M, **Azmoonfar R**, Ketabi A, “Non ionization radiation syndrome in the post Chernobyl era”, **2th Non Ionization Radiation Safety Conference. Shiraz, Iran, 2012.**
8. Fathii S, **Azmoonfar R**, Moradi M, Hoseini A, Faramarzi H, Data mining approach to patient relationship management (PRM) in Fars Province hospitals in 2010, **2nd Medical Student’s Research Congress of Tehran Network, Tehran, Iran, 2012.**
9. Teymouri M, Zainali B, **Azmoonfar R**, Sharafi N, Taeb Sh, Taghavi Gh, Daneshmand M, Mortazavi SMJ, Are Radiographic Quality Control Devices Susceptible to Interference Caused By GSM Mobile Phones?, **1st National congress of Radiation Sciences Students, Shiraz, Iran, 2010.**

Teaching Experiences

1. **Radiobiology**, Radiology and Nuclear medicine Students, Kermanshah University of Medical Sciences, 2016-2018
2. **General Physics**, Laboratory Sciences Students. 2016-2018
3. **Basics of Ultrasound Imaging**, Radiology Students, Kermanshah University of Medical Sciences, 2016-2018
4. **Principles of Diagnostic Radiology**, Radiology Students, Kermanshah University of Medical Sciences, 2016-201

Conference and Workshops

1. 12th Iranian Congress of Medical Physics, July 2018

2. 1st National Congress of Paramedical Sciences in Great Zone-8,, 2017
3. Workshop of “SPSS”, Kermanshah, Iran, 2017
4. 1st National Congress of Paramedical Student, 2015
5. 2nd National congress of Non Ionization Radiation Safety,2012, Shiraz, Iran
6. 1st MEFOMP International Conference of Medical Physics Conference, 2011, Shiraz, Iran.
7. 27th Iranian congress of radiology, 2011, Tehran, Iran.
8. 1st National congress of Radiation Sciences Students, 2010, Shiraz, Iran.
9. Work shop of “MCNP4c”. Shiraz, Iran.
10. Workshop of “ENDNOTE”, Shiraz, Iran.
11. Workshop of “Treatment planning systems of radiotherapy and its applications” .Shiraz, Iran.
12. Workshop of “Professional knowledge network (EBSCO & OVID & PMDR & UpToDate)”, Shiraz, Iran.
13. International Workshop on advances in radiotherapy physics & technology. Shiraz, Iran.
14. Workshop of “DATABASES OF INFORMATION RESOURCES”. Shiraz, Iran.
15. Workshop of “PCR “. Shiraz, Iran

Professional Qualifications

1. Member of Iranian Society of Radiology(ISR)
2. Iranian Association of Medical Physicists(IAMP)

Synergetic Activity

1. Radiation Research Centre of Shiraz University of Medical Sciences, Paramedical School, Shiraz, 2009 -2012

2. Member of Executive Committee in 1st MEFOMP International Conference of Medical Physics Conference, 2011, Shiraz, Iran.
3. Member of Research committee in Shiraz University of Medical Sciences, Paramedical School, Shiraz, Iran. 2009 -2012
4. Member of Executive Committee in 1st National congress of Radiation Sciences Students, 2010, Shiraz, Iran

Honors and Award

1. Ranked **13th** in the nationwide university entrance exam for M.Sc. degree
2. Ranked **48th** in the nationwide university entrance exam for B.Sc. degree

Professional Qualifications

1. Cell Culture (cell line, stem cell)
2. Dosimetry; Dicentric and Micronuclei Assay, Metaphase Analysis
3. Flowcytometry
4. ELISA
5. PCR
6. ENDNOTE
7. Statistical analysis software (SPSS, Excel)

Research Interest

1. Stem Cell Radiobiology
2. Low dose radiobiology phenomena (non- targeted effects)
3. Non Ionization Radiobiology
4. Radiation protection

Referees

1. SMJ Mortazavi, Professor of Medical Physics, Shiraz University of Medical Sciences, Shiraz, Iran
2. MA Mosleh Shirazi, A Professor of Medical Physics, Shiraz University of Medical Sciences, Shiraz, Iran