

Curriculum Vitae

Mahdieh Ahmadi Kamalabadi

Nationality Iranian
Address Department of Radiology, Faculty of Paramedicine
 Sciences, Rafsanjan University of Medical Sciences,
 Rafsanjan, Iran.
Phone +98-034-34255900
Email Mkniloo@yahoo.com

Education:

M.Sc. Radiobiology and Radiation Protection, Iran University of Medical Sciences, Tehran, Iran (Oct 2016- September 2019)

Thesis subject:

- Investigation of the effects of folic acid conjugated gold coated magnetic nanoparticles in the presence of electric field and 6MV X-ray on cell survival and induction of apoptosis in KB and HGF cell lines

B.Sc. Radiology, Shiraz University of Medical Sciences, Shiraz, Iran (February 2005- February 2007)

A.Sc. Radiology, Rafsanjan University of Medical Science, Rafsanjan, Iran (Oct 2000- Jul 2002)

Teaching Experiences:

- Radiographic Methods, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (January 2008- Current).
- Computed Tomography Techniques, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (January 2008- Jul 2016).
- Radiobiology, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (January 2010- June 2012).
- Medical Imaging Display and Record, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (January 2008- Jul 2016).
- Radiation Protection, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February 2010- Jul 2010).
- Assurance and quality control of medical imaging methods, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February 2010- Jul 2011).

Academic Awards:

- Receive a letter of appreciation from the 6th Festival of Knowledge (Special thanks to excellent students of Shiraz University of Medical Sciences), Shiraz, Iran, January 2007.

Research Skills:

- Cell Culture
- MTT Assay
- Flow Cytometry

Workshops:

- Flow cytometry, Shiraz University of Medical Sciences, Shiraz, Iran, 2018.
- Western blotting, Shiraz University of Medical Sciences, Shiraz, Iran, 2018.

Research projects:

1. Investigation some indicators of recovery in patients with COVID-19 in Rafsanjan in 2020
2. Investigation of cytotoxic bystander effects of magnetic field on normal HDF and cancerous MCF-7 cell lines.
3. Cellular imaging of cancerous cells using dendrimer-functionalized GQDs anchored on magnetic nanoparticles
4. Investigation of cytotoxic effect of magnetic field (MRI) on normal HDF and cancerous MCF-7 cell lines.
5. Study of MRI effect on Oct-4 and Nanog genes in mesenchymal stem cells derived from amniotic fluid and umbilical cord.
6. Evaluation of the Radiation protection knowledge of the operating room staffs in Rafsanjan University of Medical Science hospitals in 2015
7. Internal evaluation of radiology department of Rafsanjan school of nursing, midwifery and paramedical sciences from 2004 to 2009.

Conference Participations:

1. Breast cancer screening and mammography findings in women referred to radiology department of Moradi medical center in Rafsanjan. National conference of radiological sciences: The role of radiation in diagnosis and treatment, Rafsanjan University of Medical Sciences, Rafsanjan, Iran, 2018.
2. Evaluation of collimation and beam perpendicular of radiographic devices in diagnostic radiology departments of Rafsanjan hospitals in 2012. 8th student congress of eastern medical sciences universities, North Khorasan University of Medical Sciences, Bojnourd, Iran, 2012.

Research Interests:

- Radiobiology
- Cancer Nanotechnology
- Nanomedicine
- Radiation Protection