

## *Curriculum Vitae*

### **Somayeh Kazempour**

Nationality Iranian  
Address Department of Radiology, Faculty of Paramedicine Sciences, Rafsanjan University of Medical Sciences, Rafsanjan, Iran.  
Phone +98-034-34200900  
Email [skazempour.sunny@gmail.com](mailto:skazempour.sunny@gmail.com)

### ***Education:***

**M.Sc.** Radiobiology and Radiation Protection, Shiraz University of Medical Sciences, Shiraz, Iran (Oct ۲۰۱۶- February ۲۰۱۹)

*Thesis subject:*

- Intra-fractional Dose Rate Effect in Continuous and Interrupted Irradiation of the MCF-۷ Cell Line: Possible Radiobiological Implications for Breath-hold Techniques in Breast Radiotherapy?

**B.Sc.** Radiology, Mashhad University of Medical Sciences, Mashhad, Iran (February ۲۰۰۶- February ۲۰۰۸)

**A.Sc.** Radiology, Rafsanjan University of Medical Science, Rafsanjan, Iran (Oct ۲۰۰۳- Jul ۲۰۰۵)

### ***Teaching Experiences:***

- Radiation Protection, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February ۲۰۱۰- Jul ۲۰۱۰).
- Contrast media in the medical imaging, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February ۲۰۱۰- current).
- Ethics, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February ۲۰۱۶- current).
- Knowing the common radiological images in operating room, Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February ۲۰۱۸- current)
- Patient care in imaging departments. Rafsanjan University of Medical Sciences, Rafsanjan, Iran (February ۲۰۱۳- current)

- Radiation hygiene and protection. Rafsanjan University of Medical Sciences, Rafsanjan, Iran (September ۲۰۲۱-current)

### ***Research Skills:***

- Cell Culture
- Colony Assay
- MTT Assay
- Flow Cytometry
- Dosimetry

### ***Workshops:***

- Advanced article writing workshop, Shiraz, Iran, ۲۰۱۹
- PCR, Shiraz University of Medical Sciences, Shiraz, Iran, ۲۰۱۸.
- Primer design, Shiraz University of Medical Sciences, Shiraz, Iran, ۲۰۱۸.
- Western blotting, Shiraz University of Medical Sciences, Shiraz, Iran, ۲۰۱۸.

### ***Research projects:***

۱. Investigation some indicators of recovery in patients with COVID-۱۹ in Rafsanjan in ۲۰۲۰
۲. Investigating the risk of contracting and severity of COVID-۱۹ Patients in smokers in Rafsanjan City in ۲۰۲۰
۳. Evaluation of prone positioning in improving the oxygenation of patients with non-intubated & awake ARDS due to COVID-۱۹ pneumonia. ۲۰۲۰
۴. Investigation of cytotoxic bystander effects of magnetic field on normal HDF and cancerous MCF-۷ cell lines. ۲۰۲۰
۵. Investigation of cytotoxic effect of magnetic field (MRI) on normal HDF and cancerous MCF-۷ cell lines. ۲۰۲۰
- ۶.
۷. Clay of microbial contamination of mobile phones of laboratory staff; Radiology, emergency and intensive care of Hazrat Ali Ibn Abitaleb Hospital in Rafsanjan in ۲۰۱۶.
۸. Evaluation of the Radiation protection knowledge of the operating room staffs in Rafsanjan University of Medical Science hospitals in ۲۰۱۵
۹. The bio positive effects of diagnostic doses of X-ray on growth Phaseolus vulgaris plant: a possibility of new physical fertilizers. ۲۰۰۶

***Conference Participations:***

١. National Conference on Radiation Sciences: The role of radiation in diagnosis and treatment, Rafsanjan, Iran, ٢٠١٩
٢. The first congress of paramedical sciences in the eight major health areas, Rafsanjan, Iran, ٢٠١٦

***Research Interests:***

- Radiobiology
- Radiation Protection
- Dosimetry
- COVID-١٩