

## **Salar Bijari (CV)**

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## **Research Interests**

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- Advanced imaging techniques in radiology (MRI, CT, PET/SPECT).
- Radiation dosimetry and dose optimization in diagnostic and therapeutic applications.
- AI and machine learning applications in medical imaging and radiology.
- Development of personalized radiation therapy protocols.
- Quality assurance and safety protocols in medical imaging.
- Radiogenomics and imaging biomarkers for precision medicine.
- Functional MRI (fMRI) for neurological and cognitive studies.
- Monte Carlo simulations for radiation transport and dose analysis.
- Development of low-dose imaging techniques while maintaining diagnostic quality.
- Evaluation of new radiopharmaceuticals in nuclear medicine imaging.

## Education

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- **Ph.D. in Medical Physics**

Tarbiat Modares University, Tehran, Iran — 2018–2023

- **M.Sc. in Medical Physics**

Tarbiat Modares University, Tehran, Iran — 2013–2016

- **B.Sc. in Radiology**

Kermanshah University of Medical Sciences, Kermanshah, Iran — 2009–2013

## Professional Experience

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**Assistant Professor – Department of Radiology**

Kurdistan University of Medical Sciences, Sanandaj, Iran — 2023–*Present*

- Teaching undergraduate courses in radiology and imaging sciences.
- Guiding and mentoring undergraduate students in academic and clinical settings.
- Conducting research in medical imaging and radiation physics.

## Publications

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Webpage      <https://scholar.google.com/citations?user=iQv7--cAAAAJ&hl=en>