

In the name of God
Curriculum Vitae

Personal data

Name: Leili Darvish

Place of Living: Bandar Abbas

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Academic Qualifications

2019-2023 PhD degree in Medical Physics, Department of Medical Physics, Mashhad University of Medical Sciences, Mashhad, Iran

2015-2018 Instructor in Department of Radiology, Faculty of Para-Medicine, Hormozgan University of Medical Sciences, Bandar Abbas

2015-2023 Member of Mother and Child Welfare Research Center, Hormozgan University of Medical Sciences, Bandar Abbas, Iran

December 2017 MHLE English Language degree

2015-2016 Research fellowship degree, Hormozgan University of Medical Sciences, Bandar Abbas

2013-2015 MSc degree in Medical Physics, Department of Medical Physics and Engineering Shiraz University of Medical Sciences

2011-2013 BS in Radiology, Paramedical school, Shiraz University of Medical Sciences

2009-2010 Business Plan in Abdolbaghy hospital in Bandar khamir

2007-2009 Associate degree in Radiology, Paramedical school-Hormozgan University of Medical Sciences

2007 Diploma in Ruydar Najmieh high school in Bandar Abbas

Honors and Awards

One of top students in Doctoral comprehensive exam

One of the top radiology students at entrance senior medical physics in Shiraz University

H Index: 8 in Scopus

H Index: 11 in Google Scholar

Publications:

2023 Inducing apoptosis by using microRNA in radio-resistant prostate cancer: an in-silico study with an in-vitro validation (**published in Molecular Biology Reports**)

2023 Spinal Re-irradiation mediated myelopathy: A Systematic Review and Meta-Analysis (**published in Clinical Oncology**)

2023 The role of microRNA-induced apoptosis in diverse radioresistant cancers (**published in Cellular Signaling**)

2023 Ultrasmall iron oxide nanoparticles and gadolinium-based contrast agents in magnetic resonance imaging: a systematic review and meta-analysis (**published in Clinical and Translational Imaging**)

2023 The role of radiogenomics in the diagnosis of breast cancer: A systematic review (**published in Egyptian Journal of Medical Human Genetics**)

2023 A multistage mixed methods study protocol to use miRNA on the expression of anti-apoptotic pathway genes in order to increase the radiation sensitivity of prostate cancer cell lines (**submitted to the journal of Plos One**)

2023 Knockdown of anti-apoptotic genes by using miR-7-5p to increase the radio-sensitivity in prostate cancer (**submitted to the journal of Cancer Gene Therapy**)

2022 Curcumin Coated Ultra-Small Iron Oxide Nanoparticles as T1 Contrast Agents for Magnetic Resonance Imaging of Cancer Cells (**published in Journal of Biomedical Physics and Engineering**)

2022 Evaluation of ultra-small iron oxide nanoparticles as T_1 -weighted MRI contrast in cancerous tissues: a meta-analysis (**published in Clinical and Translational Imaging**)

2022 Assessment of Environmental Gamma Radiation (Outdoor and Indoor Spaces) in the Region of Bandar Abbas Gachine (**published in Journal of biomedical physics & engineering**)

2021 The impact of radiofrequency waves on male infertility: a systematic review (**published in Shiraz E-Medical Journal**)

2018 Evaluation of thyroid gland as an organ at risk after breast cancer radiotherapy: a systematic review and meta-analysis (**published in Clinical and Translational Oncology; accepted in breast cancer conference**)

2018 Influence of radiofrequency electromagnetic waves on fertility system: A protocol of systematic review and meta-analyses (**published in JMIR protocol journal**)

2018 Efficacy of Nivolumab as check point inhibitor drug on survival rate of patients with relapsed /refractory classical hodgkin lymphoma: A meta analyses of prospective clinical study (**published in Clinical and Translational Oncology**)

2018 Bone Metastasis from Glioblastoma Multiforme: A Case Report (**Submitted in Reports of Practical Oncology & Radiotherapy**)

2018 Effect of Aromatherapy on the Treatment of Psychological Symptoms in Postmenopausal and Elderly Women: A Systematic Review and Meta-analysis (**published in JMM journal**)

2018 Overview of the Effect of Herbal Medicines and Isoflavones on the Treatment of Cognitive Function (**published in JMM journal**)

2017 Mathematical formulation of ¹²⁵I seed dosimetry parameters and heterogeneity correction in lung permanent implant brachytherapy (**published in Journal of Cancer Research and Therapeutics**)

2017 Pregnancy Outcome of Abnormal Nuchal Translucency: A Systematic Review (**published in Journal of Clinical and Diagnostic Research**)

2017 Blocking the Short-Wavelength Component of the Light Emitted by Smartphones' Screens Improves the Sleep in University Students (published in **Biomedical Physics and Engineering**)

2017 Assessment of environmental gamma (outdoor and indoor) in the region of Bandar Abbas Gachin (**published in Journal of Biomedical Physics and Engineering**)

2017 Hypoglycemic effects of Acacia nilotica in type II diabetes: a research proposal (published in **BMC journal**)

2017 Acacia Nilotica: New Plant for Help in Pelvic Organ Prolapse (**published in JMM journal**)

2017 The effect of Lycium Barbarium on blood glucose level: A systematic review (**Submitted in European Journal of Integrative Medicine**)

2017 Child development in south Iran (**published in Iranian Journal of Pediatrics**)

2016 Should parents allow their children use smartphones and tablets? The Issue of cognitive performance (**published in Journal of Biomedical Physics and Engineering**)

2016 Evaluating cervicovaginal infections and cervical cancer in women with low socioeconomic level (**published in Iranian Journal of Public Health**)

2015 Alteration of bacterial antibiotic sensitivity after short term by exposure to diagnostic ultrasound. (**Published in Iranian Red Crescent Medical Journal**)

2015 Alteration of bacterial antibiotic sensitivity after short term exposure to diagnostic ultrasound. (**Accepted in Microbiology conference 2015 in Netherland**)

2013 Nanomaterial Containing Wall Paints Can Increase Radon Concentration in Houses Located in Radon Prone Areas. (**published in Journal of Biomedical Physics and Engineering**)

I am working on:

2023 Evaluation of normal tissue complications in breast cancer re-irradiation: a meta-analysis study

2023 Investigation of bismuth based nanoparticle as radiosensitivity: a meta-analysis

2023 Investigation of iron oxid nanoparticle as radiosensitivity: a meta-analysis

Research Projects:

2023 Using effective miRNA on the expression of anti-apoptotic pathway genes to increase the radiation sensitivity of prostate cancer cell line in vitro

2018 Influence of radiofrequency electromagnetic waves on fertility system: A protocol of systematic review and meta-analyses

2018 Evaluation of thyroid gland as an organ at risk after breast cancer radiotherapy: a systematic review and meta-analysis

2017 Comparison of Isogray treatment planning system dose calculations of photon dose algorithms (Clarkson and Point kernel) in head and neck cancers

2017 Evaluation of thyroid dose with treatment planning systems and assessment of thyroid and parathyroid function for patients with breast cancer

2016 Evaluating pregnancy outcomes of increasing NT and absence of the nasal bone in ultrasound in Bandar Abbas

2016 Acacia Nilotica Effects on wound healing episiotomy in women referred to Shariati Hospital in Bandarabbas

2016 Reference dose study in radiology centers in Bandar Abbas by using TLD

Teaching Experience

The Quran to children and adult (Tajvid; Recitation)

Hospital internship

Magnetic resonance Imaging physics (MRI physics)

Diagnostic physics

Contrast media in imaging

Radiographic techniques of skull

Radiographic techniques of lower and upper extremity

Proprietary radiography technique

Radiobiology for technologists and radiologists

Quality control and Quality assurance in imaging

Workshops Attended

Monte Carlo simulation

SPSS

Endnote program

Nano Technology

How to writing a scientific journal article

How to have a scientific speech

How to do research projects

How to writing a systematic review and meta analyses article

How to writing an article

How to writing a qualify article

How to peer review an article

Introduction to SPSS Software

Ethics in the publication of research works

Software

ISOGRAY treatment planning in radiotherapy

A Monte Carlo simulation for radiotherapy

Language Skills

Persian Mother Tongue

English Senior Proficiency and speaking skill

Arabic Senior Proficiency and speaking skill

M. Referee

Dr. Mohammad Taghi Bahreyni Toossi, Medical physics, Mashhad University of Medical Sciences, Mashhad, Iran

Dr. Mehdi Ghorbani, Medical physics, Shahid Beheshti University of Medical Sciences, Tehran, Iran

Dr. Seyed Mohammad Javad Mortazavi, Medical physics, University of Wisconsin-Milwaukee, United States and Shiraz University of Medical Sciences, Shiraz, Iran

Dr. Mohammad Amin Mosleh Shirazi, Medical physics, Shiraz University of Medical Sciences and Department of Radiotherapy, Namazi Hospital, Shiraz, Iran

Dr. Alireza Mehdizadeh, Medical physics, Shiraz university of medical sciences, Shiraz, Iran