

Curriculum vitae



- **Majid Kowsari (M.Sc.)**
- **Gender:** Male
- **Date of birth:** 20/09/1976
- **Birth place:** Shiraz-Iran
- **Faculty:** School of Medicine, Department of Physiology
- **Adress:** Jahrom University of Medical Sciences , Jahrom, 74148-46199, Islamic Republic of Iran
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Education and Academic History

- 1) M.Sc. in Medical Physics, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran, 2009
- 2) M.Sc. in Medical Education, Smart University of Medical Sciences, Tehran, Iran, 2022
- 3) B.Sc. in physics, Shiraz University of Science, Shiraz, Iran, 1999.

Previous Employment

2004-2007 Cultural and Student Department , Shiraz University
2009-2014 The Head of Laboratory Physics and Dosimetry , School of Paramedical Science , Shiraz University of Medical Sciences,
2015 – present Instructor , School of Medicine, Jahrom University of Medical sciences

Membership

Member of the educational council of the university,
Jahrom University of Medical sciences

Member of the Committee on Webometric , Jahrom
University of Medical sciences

Title of M.Sc. Thesis

1)Medical Physics:

Protective Effects of Lycopene on The Gamma Radiation Induced
Chromosomal Damage and Cell Killing in Culture Human Fibolast Cells.

2)Medical Educational:

Comparison of Self and Peer Assessment on the Clinical Competence of
Medical Students of Jahrom University of Medical Sciences

Teaching

Medical Physics for General medicine MD Studends , Jahrom University
of Medical Sciences

General Physics for Radiology B.Sc Students , School of Paramedical
Science ,Shiraz University of Medical Sciences

General Physics for Lab Scienceec B.Sc Students,School of Paramedical
Science ,Shiraz University of Medical Sciences and Jahrom University of Medical
Sciences

General Mathematics for Radiology B.Sc Students , School of
Paramedical Science ,Shiraz University of Medical Sciences

Biophysics for Lab Sciences and General Health Students, School of
Paramedical Science ,Shiraz University of Medical Sciences and Jahrom University
of Medical Sciences

Experiences

- 1) Perpaing a Karyotype, Metaphase Analysis
- 2) Fibroblast Cell Culture

Workshops

Scientific Writing Articles

Teaching Method

Cell Culture

Flowcytometry

Endnote

Spss

PCR

Awards & Honors

Second Student in M.Sc. Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran,2009

BOOKS

1)Medical physics and application in anesthesia equipment

Kowsari Majid,Rahmanian pouya

2) A glossary of Medical physics terminology:

Shokrpour Nasrin,Kowsari Majid

Presentations and Participation in Conferences

1) The 23nd medical educational conference by Iran University of Medical Sciences on May18-20,2022,Tehran,Iran

2)) The 22nd medical educational conference by Shiraz University of Medical Sciences on May19-21,2021,Shiraz,Iran

3) The Eleventh Iranian Conferecnc of medical physics by Tehran University of Medical Sciences on November 6-7, 2014,Tehran, Iran

4) 1st Mefomp International Conference of Medical physics by Shiraz University of Medical Sciences on November 2-4, 2011,Shiraz, Iran

5) The Ninth Iranian Conference of Medical physics by Iran University of Medical Sciences on May 19-20, 2010, Tehran, Iran

Select Publications

1) Bardania H, Alipour M, Kowsari M. Facile preparation of a novel biogenic silver-loaded Nanofilm with intrinsic anti-bacterial and oxidant scavenging activities for wound healing. **Scientific Reports**.2020: 10 (1), 1-14

2) Saberi AH, Kowsari M. Protective Effects of Lycopene on The Gamma Radiation Induced Chromosomal Damage and Cell Killing in Culture Human Fibroblast Cells, Jundishapur Scientific Medical Journal.2011: 10, 573-581.

3) Najafipour S, Kowsari M., et al . A Study of the Implementation of Clinical Teaching Standards Submitted by the Ministry of Health from Viewpoints of Medical Students in Jahrom University of Medical Sciences (Cross-sectional Study). J Med Edu Dev.2022:16(4). 276-284

4) Najafipour S, Kowsari M., et al. Comparison of Self and Peer Assessment on the Clinical Competence of Medical Students of Jahrom University of Medical Sciences .J Med Edu Dev.2022:17(1). 2-14

5) Mohammadbeigi A, Mohammadsalehi N, Kowsari M, Anbari Z. A Comparison of Religious Orientation and General Health in Runaway Girls and Normal Ones. Health, Spirituality and Medical Ethics.2016: 3 (4), 16-23

6) Kowsari M, Sameni MH, Pendar R, MA Negi MA. JAMES CAMERON'S AVATAR—A FUTURISTIC CONQUEST THROUGH THE LENS OF SCIENCE AND LITERATURE. Scientific and Research Journal of the Faculty of Persian Literature and Language.2019:10(37),58-72

7) Kowsari M, Roustazadeh A, Taghva MR. Increasing radiation time in MCF-7 cancer cells and activating pathways related to type 1 diabetes mellitus. Pars Journal of Medical Sciences 2024:21 (4), 54-61

طرح ها و پایان نامه های انجام شده برگرفته از سامانه علم سنجی وزارت

بهداشت، درمان و آموزش پزشکی:

- 1- مقایسه فرایندهای آموزش بالینی دانشجویان پزشکی با استانداردهای ارسالی وزارت بهداشت در دانشگاه علوم پزشکی جهرم (مطالعه مقطعی): 1401
- 2- دارورسانی همزمان microRNA و سیس-پلاتین به وسیله نانوسامانه لیپوزومی تغییر سطح داده شده با RGD: 1400
- 3- طراحی و بررسی پروب های نانویی مبتنی بر DNA با هدف افزایش امنیت سلامت غذایی: 1399
- 4- بررسی نیازهای آموزشی اعضای هیات علمی دانشگاه علوم پزشکی جهرم در زمینه توانمندسازی با استفاده از تکنیک دلفی: 1398
- 5- طراحی ، اجرا و ارزشیابی کارگاه ترینینگ بر اساس روش کلاس وارونه بر توانمند سازی اساتید: یک نوآوری در اجرای کارگاههای تدریس در گروه های کوچک در دانشگاه علوم پزشکی جهرم: 1396
- 6- بررسی میزان آگاهی ، نگرش و عملکرد پرتوکاران از اصول حفاظت در برابر اشعه در مراکز تصویربرداری پزشکی شهرستان جهرم:
- 7- بررسی پروفایل ژنی ریز آرایه در نشان گره های بیان شده وابسته به زمان در پاسخ به تابش یونیزان در سلولهای سرطان سینه (MCF-7): 1402
- 8- بررسی هستی شناسی پروفایل بیانی در سلولهای سرطان سینه (MCF-7) در پاسخ به تابش یونیزان بعد از 72 و 96 ساعت پرتودهی: 1402-1403