

# Hira Moin

Assistant Professor

NUST School of Health Sciences

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Contact:



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## About

Dr. Hira Moin is working as Assistant Professor in the NUST School of Health Sciences. Dr. Hira Moin has published 10 research articles & conference papers having a citation count of 12, carried out 1 projects and filed 0 intellectual property.

## Qualifications

<b>FCPS in Physiology</b> College of Physician & Surgeons of Pakistan (CPSP) , Pakistan	2016 - 2021
<b>MBBS in Medicine Surgery Gynaecology Obstetrics Pediatrics</b> University of Health Sciences , Pakistan	2008 - 2014

## Experience

<b>Assistant Professor</b> NUST School of Health Sciences	2023- Present
<b>Senior Demonstrator</b> Shifa College of Medi.cine , Shifa College of Medicine, NCBMS Tower, H-8/4 Islamabad	2022 - 2023
<b>Demonstrator</b> Shifa College of Medicine , Shifa College of Medicine, NCBMS Tower, H-8/4 Islamabad	2016 - 2022
<b>Demonstrator</b> Fazaia Medical College , Fazaia Medical College, E-9, Islamabad	2016 - 2016

## Research Projects

<b>National Projects</b> <b>Developing an innovative artificial intelligence designed nano-formulation for treating diabetic neuropathy via in-silico approach</b> Funding Agency: NUST Amount: PKR 1,000,000.00 Status: Approved_inprocess	2024
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### International Projects

- Serum asprosin and its association with bone mineral density, oxidative stress, and osteoprotegerin levels in Pakistani women with postmenopausal osteoporosis** 2025  
*Sampana Fatima Muhammad Abrar Adeela Shahid Hira Moin Sadaf Majeed*  
*Expert Review of Endocrinology and Metabolism*, Pages 1-13  
**Impact Factor:** 2.800 | **Quartile:** 3 | **Citations:** 1  
**DOI:** <https://doi.org/10.1080/17446651.2025.2510595>
- Identification of candidate nsSNPs of the human FNDC5 gene and their structural and functional consequences using in silico analysis** 2025  
*Sadaf Majeed Hira Moin Maaz Waseem Zoya Khalid Sumra Wajid Abbasi Kashaf Rasool*  
*Scientific Reports*, Volume:15, Article Number: 7681, Pages:14  
**Impact Factor:** 3.8 | **Quartile:** 1 | **Citations:** 1  
**DOI:** <https://doi.org/10.1038/s41598-024-83254-1>
- Exploring the role of irisin as a potential biomarker in adolescents and young adults with polycystic ovarian syndrome** 2024  
*Hira Moin Riffat Shafi Tatheer Zahra Sarim Zafar Sadaf Majeed Sampana Fatima*  
*Women's Health*, Volume 20, Pages 1-10  
**Impact Factor:** 2.700 | **Quartile:** 2  
**DOI:** <https://doi.org/10.1177/17455057241302559>
- Assessing the impact of jigsaw technique for cooperative learning in undergraduate medical education: merits, challenges, and forward prospects** 2024  
*Hira Moin Sadaf Majeed Tatheer Zahra Sarim Zafar Amna Nadeem Sidra Majeed*  
*BMC Medical Education*, Volume 24, Article Number 853  
**Impact Factor:** 2.700 | **Quartile:** 1 | **Citations:** 4  
**DOI:** <https://doi.org/10.1186/s12909-024-05831-2>
- The Effect of Vitamin D3 Intervention on the Association Among Vitamin D3, Adiponectin, and Body Mass Index in Pregnant Women With Gestational Diabetes** 2023  
*Amna Nadeem Muniza Saeed Ayesha Sadiq Hira Moin Qudsia U. Khan*  
*Cureus Journal of Medical Science*, Volume 15(8), Article Number e43506  
**Impact Factor:** 1.000 | **Quartile:** 3  
**DOI:** <https://doi.org/10.7759/cureus.43506>
- Effectiveness of analog of Humanin in ameliorating streptozotocin-induced diabetic nephropathy in Sprague Dawley rats** 2023  
*Riffat Shafi Ayesha Ishtiaq Afrose Liaquat Sadaf Majeed Nilofar Nasir Zaidi Hira Moin*  
*Peptides*, Volume 165, Article Number 171014  
**Impact Factor:** 2.800 | **Quartile:** 2 | **Citations:** 3  
**DOI:** <https://doi.org/10.1016/j.peptides.2023.171014>
- The positive impact of introducing modified directed self-learning using pre–small group discussion worksheets as an active learning strategy in undergraduate medical education** 2023  
*Ammara Yousaf Hira Moin Sadaf Majeed Riffat Shafi Sumreena Mansoor*  
*Medical Education Online*, Volume:28, Issue:1, Article Number 2204547  
**Impact Factor:** 3.100 | **Quartile:** 1 | **Citations:** 3  
**DOI:** <https://doi.org/10.1080/10872981.2023.2204547>
- Prevalence, knowledge, attitude and practices towards premenstrual syndrome among university students in Islamabad and its impact on their daily life** 2019  
*Sadaf Majeed Hira Moin Riffat Shafi Khurram Irshad Ifra Ashraf Kholood Janjua*  
*Rawal Medical Journal*, Volume 44, No. 3, Pages 588-593  
**Impact Factor:** N/A  
**DOI:** <https://www.rmj.org.pk/index.php?mno=40893>
- Effects of Recombinant Irisin on Body Mass Index, Serum Insulin, Luteinizing Hormone and Testosterone Levels in Obese Female BALB/c Mice** 2019  
*Sadaf Majeed Riffat Shafi Ifra Ashraf Khurram Irshad Afrose Liaquat Hira Moin*  
*Journal of the College of Physicians and Surgeons Pakistan*, Volume 29(8), Pages 736-740  
**Impact Factor:** 0.426 | **Quartile:** 4  
**DOI:** <https://jcpssp.pk/archive/2019/Aug2019/11.pdf>