

Hussain Mustatab Wahedi

Associate Professor
Atta-Ur-Rahman School of Applied Biosciences

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About

Dr. Hussain Mustatab Wahedi is working as Associate Professor in the Atta-Ur-Rahman School of Applied Biosciences. Dr. Hussain Mustatab Wahedi has a PhD in Regenerative Medicine. Dr. Hussain Mustatab Wahedi has published 21 research articles & conference papers having a citation count of 587, carried out 2 projects and filed 0 intellectual property.

Qualifications

PhD in Regenerative Medicine Inchon University , South Korea	2013 - 2016
MS in Molecular Genetics COMSATS Institute of Information Technology, Islamabad , Pakistan	2007 - 2009
MSc in Biochemistry Arid Agriculture University , Pakistan	2004 - 2007
BSc in Pre Medical University of the Punjab , Pakistan	2002 - 2004

Experience

Associate Professor Atta-Ur-Rahman School of Applied Biosciences	2023- Present
Assistant Professor National University of Medical Sciences NUMS Official , Police Foundation	2018 - 2023
Assistant Professor Quaid-i-Azam University , University Road, Islamabad	2017 - 2018

Research Projects

National Projects	
Sact of Household allular Vesicle (ECV)-Loaded Scaffold for Skin Repair Funding Agency: NUST Amount: PKR 1,000,000.00 Status: Approved_inprocess	2024
Elucidation of Sirtuin Targets with Therapeutic Potential in Diabetic Wound Healing Funding Agency: HEC Amount: PKR 12,155,000.00 Status: Approved_inprocess	2023

International Projects

Research Articles

Aloesin-loaded chitosan/cellulose-based scaffold promotes skin tissue regeneration Aasia Hameed Mehreen Tariq Sobia Sadia Muhammad Rizwan Alam Adnan Haider Hussain Mustatab Wahedi International Journal of Biological Macromolecules, Volume 273, Part 1, Article Number 133030 Impact Factor: 7.700 Quartile: 1 Citations: 4 DOI: https://doi.org/10.1016/j.ijbiomac.2024.133030	2024
Lapachol-Induced Upregulation of Sirt1/Sirt3 is linked with Improved Skin Wound Healing in Alloxan-induced Diabetic Mice	2021

Hussain Mustatab Wahedi Shaheen Bibi Fayyaz Ahmad Muhammad Rizwan Alam Muhammad Ansar Kim Sun Yeou
Iranian Journal of Pharmaceutical Research, Volume 20, Issue 3, Pages 419-430

Impact Factor: 1.951 | **Quartile:** 3 | **Citations:** 6

DOI: 10.22037/ijpr.2021.112722.13914

Stilbene-based natural compounds as promising drug candidates against COVID-19

2021

Hussain Mustatab Wahedi Sajjad Ahmad Sumra Wajid Abbasi

Journal of Biomolecular Structure and Dynamics, Volume 39, Issue 9, Pages 3225-3234

Impact Factor: 5.235 | **Quartile:** 1 | **Citations:** 208

DOI: 10.1080/07391102.2020.1762743

Naphthoquinones from *Handroanthus impetiginosus* promote skin wound healing through Sirt3 regulation

2020

Hussain Mustatab Wahedi Fayyaz Ahmad Shaheen Bibi Mincheol Kang Mariam Anees Muhammad Ansar Muhammad Rizwan Alam Kim Sun Yeou

Iranian Journal of Basic Medical Sciences, Volume 23, Issue 9, Pages 1139-1145

Impact Factor: 2.699 | **Quartile:** 3 | **Citations:** 9

DOI: 10.22038/ijbms.2020.43706.10275

Pistacia integerrima alleviated Bisphenol A induced toxicity through Ubc13/p53 signalling

2020

Hussain Mustatab Wahedi Ayesha Ishtiaq Attia Bakhtiar Erica Silas Javeria Saeed Sidra Ajmal Iram Mushtaq Tahir Ali Wajiha Khan Uzma Khan Mariam

Anees Aneesa Sultan Iram Murtaza

Molecular Biology Reports, Volume 47, Issue 9, Pages 6545-6559

Impact Factor: 2.316 | **Quartile:** 4 | **Citations:** 10

DOI: 10.1007/s11033-020-05706-x

Up256 inhibits hyperpigmentation by tyrosinase expression/dendrite formation via rho-dependent signaling and by primary cilium formation in melanocytes

2020

Hussain Mustatab Wahedi Mincheol Kang Jae-Wook Lee Taek Hwan Lee Lalita Subedi Seon-Gil Do Eunju Shin Eun-Yi Moon Sun Yeou Kim

International Journal of Molecular Sciences, Volume 21, Issue 15, Article Number 5341

Impact Factor: 5.924 | **Quartile:** 1 | **Citations:** 17

DOI: 10.3390/ijms21155341

NED416, a novel synthetic Sirt1 activator, promotes cutaneous wound healing via the MAPK/Rho pathway

2020

Hussain Mustatab Wahedi Jae Khyung Chae Lalita Subedi Min Cheol Kang Hyunkyung Cho Sun Yeou Kim Sanghee Kim

International Journal of Molecular Medicine, Volume 46, Issue 1, Pages 149-158

Impact Factor: 4.101 | **Quartile:** 2 | **Citations:** 16

DOI: 10.3892/ijmm.2020.4564

Lespedeza bicolor ameliorates endothelial dysfunction induced by methylglyoxal glucotoxicity

2017

Hussain Mustatab Wahedi Moon Ho Do Jae Hyuk Lee Chaeho Pak Choong hwan Lee Eui-Ju Yeo Yunsook Lim Sang Keun Ha Inwook Choi Sun Yeou Kim

Phytomedicine, Volume 36, Pages 26-36

Impact Factor: 3.610 | **Quartile:** 1 | **Citations:** 29

DOI: 10.1016/j.phymed.2017.09.005

Resveratrol-Enriched Rice Attenuates UVB-ROS-Induced Skin Aging via Downregulation of Inflammatory Cascades

2017

Hussain Mustatab Wahedi Lalita Subedi Taek Hwan Lee So-Hyeon Baek Sun Yeou Kim

Oxidative Medicine and Cellular Longevity, Volume 2017, Article ID 8379539, 15 pages

Impact Factor: 4.936 | **Quartile:** 2 | **Citations:** 130

DOI: 10.1155/2017/8379539

Aloesin from Aloe vera accelerates skin wound healing by modulating MAPK/Rho and Smad signaling pathways in vitro and in vivo

2017

Hussain Mustatab Wahedi Minsun Jeong Jae Kyoung Chae Seon Gil Do Hyeokjun Yoon Sun Yeou Kim

Phytomedicine, Volume 28, Pages 19-26

Impact Factor: 3.610 | **Quartile:** 1 | **Citations:** 92

DOI: 10.1016/j.phymed.2017.02.005

Juglone ameliorates skin wound healing by promoting skin cell migration through Rac1/Cdc42/PAK pathway

2016

Hussain Mustatab Wahedi Yong U. Park Eun-Yi Moon PhD Sun Y. Kim

Wound Repair and Regeneration, Volume 24, Issue 5, Pages 786-794

Impact Factor: 3.041 | **Quartile:** 1 | **Citations:** 24

DOI: 10.1111/wrr.12452

- Modulation of melanin synthesis by amaranthus spp. L seed extract in melan-a cells** 2016
Hussain Mustatab Wahedi Jae Ok Seo Moon Ho Do Jae Hak Lee Taek Hwan Lee Yong Un Park Sun Yeou Kim
Natural Product Sciences, Volume 22, Issue 3, Pages 168-174
Impact Factor: - | **Citations:** 2
DOI: 10.20307/nps.2016.22.3.168
- Novel aryl carbamate derivatives of metronidazole as potential antiamebic agents** 2016
Hussain Mustatab Wahedi Faisal Hayat Seonghyeok Park Saba Tariq Amir Azam Dongyun Shin
Archives of Pharmacal Research, Volume 39, Issue 1, Pages 33-42
Impact Factor: 2.242 | **Quartile:** 3 | **Citations:** 5
DOI: 10.1007/s12272-015-0686-4
- Mapping of Genes Involved in Bardet-Biedl Syndrome (BBS) in Pakistani Population** 2012
Hussain Mustatab Wahedi Shiraz Ahmad Summera Tufail Zubair Anwar Muhammad Abrar Asif Mir
Current Research Journal of Biological Sciences, Volume 4(4), Pages 513-518
Impact Factor: 0
DOI: 2041-0778
- Effect of organic manures with recommended dose of NPK on the performance of wheat (*Triticum aestivum* L.)** 2012
Hussain Mustatab Wahedi G. Abbas Z. K. Khattak A. Mir M. Ishaque M. Hussain M. S. Ahmed A. Ullah
Journal of Animal and Plant Sciences, Volume 22(3), Pages 683-687
Impact Factor: 0.638 | **Quartile:** 3
DOI: <http://www.thejaps.org.pk/docs/v-22-3/28.pdf>
- Concept of Halal Food and Biotechnology** 2011
Hussain Mustatab Wahedi Jabar Zaman Khan Khattak Asif Mir Zubair Anwar Ghulam Abbas Haider Zaman Khan Khattak Humaira Ismatullah
Advance Journal of Food Science and Technology, Volume 3(5), Pages 385-389
Impact Factor: 0
DOI: <https://maxwellsci.com/print/ajfst/v3-384-388.pdf>
- Carbon tetrachloride (CCL4) - induced hepatotoxicity in rats: Curative role of Solanum nigrum** 2010
Hussain Mustatab Wahedi Asif Mir Farida Anjum Naveeda Riaz Hina Iqbal Jabar Zaman Khan Khattak Muhammad Asrar Khan S. A. Malik
Journal of Medicinal Plants Research, Volume 4, Issue 23, Pages 2525-2532
Impact Factor: 0 | **Citations:** 20
DOI: 10.5897/JMPR10.482