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Researcher profile

WoS ID: <https://www.webofscience.com/wos/author/record/V-8586-2018>

SCOPUS: <https://www.scopus.com/authid/detail.uri?authorId=57190231518>

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| Born | 13 th December 1983 |
| Nationality | Pakistani |
| Current Residence | Kingdom of Saudi Arabia |
| Marital Status | Married |
| Current position | Lecturer, Jouf University, Kingdom of Saudi Arabia |

ACADEMIC EDUCATION

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| 2013 | <u>M. Phil</u> in Virology and Immunology from Atta ur Rahman School of Applied Biosciences, National University of Sciences and Technology, Islamabad, Pakistan Thesis: Serotyping of Pakistani Dengue Virus and Cloning of its Antigen Final CGPA 3.90/4 |
| 2011 | <u>M.Sc.</u> in Medical Technology from Department of Allied Health Sciences, University of Health Sciences, Lahore, Pakistan Thesis: Correlation of HbA1c with Zn and Mg levels in patients of type 2 Diabetes Mellitus Final Grade: 1 st Division 79 % with distinctions in five subjects |
| 2008 | <u>B.Sc.</u> in Medical Laboratory Technology from University of Punjab, Lahore, Pakistan Final Grade: 1 st Division |

PROFESSIONAL EXPERIENCES

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| 2017-Date | Lecturer Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Jouf University, Kingdom of Saudi Arabia. |
| 2015-2017 | Senior Lecturer Department of Medical Lab Sciences, Faculty of Health and Allied Sciences, Imperial College of Business Studies (ICBS), Lahore, Pakistan |
| 2014-2015 | Lecturer Department of Medical Lab Sciences, Faculty of Allied Health Sciences, University of Lahore (UOL), Lahore, Pakistan |

FUNDING & AWARDS

- 2020** **Research Grant No. 1742755169** - Food security and environmental impacts: Applying innovative approaches to mitigate environmental toxicity on plant. (Distributed through the Jouf University) Deputyship for Research & Innovation, Ministry of Education in Saudi Arabia. **Co-PI**
- 2020** **Research Grant No. DRS-2020-04-2555** - Serum levels of copper, zinc and iron in patients with celiac disease from Saudi Arabia. Jouf University Saudi Arabia (Deanship of Scientific Research, Jouf University, Saudi Arabia. **Co-PI**
- 2019** **Research Grant No. 40/246** - Assessment of serum trace elements (Selenium, Zinc, Copper and Iron) and TNF- α and VEGF genetic polymorphism in metabolic syndrome patients of Saudi Arabia. Jouf University Saudi Arabia (Deanship of Scientific Research, Jouf University, Saudi Arabia. **Co-PI**
- 2016** **Gold Medal** in Poster Competition in First International Conference on Virology Held at FHAS, ICBS, Lahore, Pakistan
- 2013** **Third Position** in M.Phil (Atta ur Rahman School of Applied Biosciences, National University of Sciences and Technology, Islamabad, Pakistan) by getting CGPA 3.90/4.00.
- 2011** **First Position** in MSc course work (Department of Allied Health Sciences, University of Health Sciences, Lahore, Pakistan) with distinction in all four subjects.

TEACHING & INSTITUTIONAL ACTIVITIES

- 2017-Date** **Lecturer** – Teaching BS Medical Laboratory Sciences Students-Jouf University
Courses Taught- Clinical Biochemistry, Molecular Biology & Genetics, Immunology, Virology
Teaching Burden- 16 Credit hours/week
Academic advising- 6 hours /week
Office Hours-6 hours /week
Standard Leader in Quality and Academic accreditation committee-Jouf University
Member in Faculty and Staff Committees (Examination Unit, Public relation and media committee, Graduate studies and scientific research committee, Statistics and information committee, Reports writing committee, Academic advising, students' activities and community services committee, Faculty development and recruitment committee -Jouf University
Supervisor Clinical Biochemistry Laboratory-Jouf University
- 2015-2017** **Senior Lecturer** - Teaching BS Medical Laboratory Sciences Students- ICBS
Courses Taught- Chemical Pathology, Molecular Biology & Genetics
Acting Head of Department- ICBS
- 2014-2015** **Lecturer** - Teaching BS Medical Laboratory Sciences Students- UOL
Courses Taught- Chemical Pathology, Molecular Biology & Genetics

PUBLICATION

Citations

(WOS) database: 1293

(SCOPUS) database: 1408

1. Ullah MI, Rehman Z, Dad R, Alsrhani A, Shakil M, Ghanem HB, Alameen AAM, Elsadek MF, Eltayeb LB, Ullah S, **Atif M**. Identification and Functional Characterization of Mutation in FYCO1 in Families with Congenital Cataract. *Life (Basel)*. 2023 Aug 21;13(8):1788. [doi: 10.3390/life13081788](https://doi.org/10.3390/life13081788). PMID: 37629644; PMCID: PMC10456301.
2. Ullah MI, Alameen AAM, Al-Oanzi ZH, Eltayeb LB, **Atif M**, Munir MU, Ejaz H. Biological Role of Zinc in Liver Cirrhosis: An Updated Review. *Biomedicines* 2023, *11*, 1094. <https://doi.org/10.3390/biomedicines11041094>
3. Ejaz H, Zeeshan HM, Iqbal A, Ahmad S, Ahmad F, Abdalla AE, Anwar N, Junaid K, Younas S, Sadiq A, **Atif M**. Rubella Virus Infections: A Bibliometric Analysis of the Scientific Literature from 2000 to 2021. *InHealthcare* 2022 Dec 17 (Vol. 10, No. 12, p. 2562). MDPI. <https://doi.org/10.3390/healthcare10122562>
4. Ullah MI, Alsrhani A, **Atif M**, Shaukat I, Hussain S, Ejaz H. Estimation of serum iron, serum lipids and serum liver enzymes in celiac disease patients of Saudi Arabia. *Pakistan Journal of Medical Sciences*. 2022 Oct 14;38(8). <https://doi.org/10.12669/pjms.38.8.6237>
5. **Atif M**, Alsrhani A, Naz F, Ullah MI, Alameen AA, Imran M, Ejaz H. Adenosine A2A receptor as a potential target for improving cancer immunotherapy. *Molecular Biology Reports*. 2022 Nov;49(11):10677-87. [10.1007/s11033-022-07685-7](https://doi.org/10.1007/s11033-022-07685-7)
6. **Atif M**, Abdullah Alsrhani, Farrah Naz, Iahtisham-ul-Haq, Muhammad Imran, Sidra Khalid. Role of adenosine receptors in cardiovascular disorders and novel corona virus infection. *Rawal Medical Journal*. 2022 Apr;47(2). <https://www.rmj.org.pk/fulltext/27-1603262623.pdf>
7. Shakil M, Akbar A, Aisha NM, Hussain I, Ullah MI, **Atif M**, Kaul H, Amar A, Latif MZ, Qureshi MA, Mahmood S. Delineating Novel and Known Pathogenic Variants in TYR, OCA2 and HPS-1 Genes in Eight Oculocutaneous Albinism (OCA) Pakistani Families. *Genes*. 2022 Mar 12;13(3):503. <https://doi.org/10.3390/genes13030503>
8. Elderderly AY, Alsrhani A, Alzahrani B, **Atif M**, Refaiy AI, Shiwani H, Abbas A, Yahia DA. Molecular Analysis of Xmn1-Polymorphic Site 5 to Gγ of the β-Globin Gene Cluster in a Saudi Population of Jazan Region in Correlation with Hb F Expression. *Evidence-Based Complementary and Alternative Medicine*. 2022 Mar 21;2022. <https://doi.org/10.1155/2022/1717207>
9. Ejaz H, Zeeshan HM, Ahmad F, Bukhari SN, Anwar N, Alanazi A, Sadiq A, Junaid K, **Atif M**, Abosalif KO, Iqbal A. Bibliometric Analysis of Publications on the Omicron Variant from 2020 to 2022 in the Scopus Database Using R and VOSviewer. *International Journal of Environmental Research and Public Health*. 2022 Sep 29;19(19):12407. <https://doi.org/10.3390/ijerph191912407>
10. **Atif M**, Naz F, Akhtar J, Imran M, Saleem S, Akram J, Imran M, Ullah MI. From Molecular Pathology of COVID 19 to Nigella Sativum as a Treatment Option: Scientific Based Evidence of Its Myth or Reality. *Chinese journal of integrative medicine*. 2022 Jan 1:1-8. [10.1007/s11655-021-3311-z](https://doi.org/10.1007/s11655-021-3311-z)
11. Selim S, AbdElgawad H, Alsharari SS, **Atif M**, Warrad M, Hagagy N, Madany MM, Abuelsoud W. Soil enrichment with actinomycete mitigates the toxicity of arsenic oxide nanoparticles on wheat and maize growth and metabolism. *Physiologia Plantarum*. 2021 Nov;173(3):978-92. <https://doi.org/10.1111/ppl.13496>

12. Komal A, Noreen M, Akhtar J, Imran M, Jamal M, **Atif M**, Khan J, Roman M, Ul Haq F, Aftab U, Ghaffar A. Analyses of ABO blood groups with susceptibility and symptomatic variations of COVID-19 infection, a questionnaire-based survey. *Apmis*. 2021 Oct;129(10):579-86. <https://doi.org/10.1111/apm.13169>
13. Sharifi-Rad J, Quispe C, Imran M, Rauf A, Nadeem M, Gondal TA, Ahmad B, **Atif M**, Mubarak MS, Sytar O, Zhilina OM. Genistein: an integrative overview of its mode of action, pharmacological properties, and health benefits. *Oxidative medicine and cellular longevity*. 2021 Oct;2021. <https://doi.org/10.1155/2021/3268136>
14. Ullah MI, Alzahrani B, Alsrhani A, **Atif M**, Alameen AA. Determination of serum tumor necrosis factor-alpha (TNF- α) in metabolic syndrome patients from Saudi population. *Pakistan Journal of Medical Sciences (Print)*. 2021;37(3):1-6. <https://doi.org/10.12669/pjms.37.3.3897>
15. **Atif M**, Alsrhani A, Naz F, Imran M, Imran M, Ullah MI, Alameen AA, Gondal TA, Raza Q. Targeting adenosine receptors in neurological diseases. *Cellular Reprogramming*. 2021 Apr 1;23(2):57-72. <https://doi.org/10.1089/cell.2020.0087>
16. Imran M, Saeed F, Gilani SA, Shariati MA, Imran A, Afzaal M, **Atif M**, Tufail T, Anjum FM. Fisetin: An anticancer perspective. *Food Science & Nutrition*. 2021 Jan;9(1):3-16. <https://doi.org/10.1002/fsn3.1872>
17. Imran M, Aslam Gondal T, **Atif M**, Shahbaz M, Batool Qaisarani T, Hanif Mughal M, Salehi B, Martorell M, Sharifi-Rad J. Apigenin as an anticancer agent. *Phytotherapy Research*. 2020 Aug;34(8):1812-28. <https://doi.org/10.1002/ptr.6647>
18. Ahmed AA, Elderderly AY, **Atif M**, Mohamed BA, Imran M. Impact of bacterial sepsis on thrombocytes and mortality rate in Sudanese neonates. *Rawal Medical Journal*. 2020 Jul;45(3):602-. <http://rmj.org.pk/fulltext/27-1573466559.pdf?1680548810>
19. Akbar N, Nasir M, Naeem N, Ahmad MU, Saeed F, Anjum FM, Iqbal S, Imran M, Tufail T, Shah FU, **Atif M**. Assessment of aflatoxin in milk and feed samples and impact of seasonal variations in the Punjab, Pakistan. *Food Science & Nutrition*. 2020 Jun;8(6):2699-709. <https://doi.org/10.1002/fsn3.1557>
20. Khalid S, Arshad M, Saad B, Imran M, Ul HB, Ain TT, Shahid MZ, **Atif M**, Ullah MI, Ahmed S. Cardio protective effects of dates. Vol. 16, No. 5, p. 110-123, 2020. https://www.researchgate.net/publication/341405304_Cardio_protective_effects_of_dates
21. Hussain G, Anwar H, Rasul A, Imran A, Qasim M, Zafar S, Imran M, Kamran SK, Aziz N, Razzaq A, Ahmad W...**Atif M** et al. Lipids as biomarkers of brain disorders. *Critical reviews in food science and nutrition*. 2020 Feb 4;60(3):351-74. <https://doi.org/10.1080/10408398.2018.1529653>
22. Ayman A.M. Alameen, Thawiba A.M. Osman, Shawgi A. Elissidig and **Atif M**, 2020. Impact of prostate specific antigen and testosterone hormone levels in patients of benign prostatic hyperplasia in Khartoum State-Sudan. *Pak. J. Biol. Sci.*, 23(11): 1431-1435. [10.3923/pjbs.2020.1431.1435](https://doi.org/10.3923/pjbs.2020.1431.1435)
23. Kakar NH, Lashari Y, Ali Z, Kakar MT, Kamal A, Bilal M, Ullah MI, **Atif M**. Status of Serum Vitamin D Levels in Pregnant women from Balochistan. *PJMHS* 2020,13(4):1190. https://pjmhsonline.com/2019/oct_dec/pdf/n/1190.pdf
24. Akbar N, Nasir M, Naeem N, Ahmad MU, Iqbal S, Rashid A, Imran M, Aslam Gondal T, **Atif M**, Salehi B, Sharifi-Rad J. Occurrence and seasonal variations of aflatoxin M1 in milk from Punjab, Pakistan. *Toxins*. 2019 Oct 2;11(10):574. <https://doi.org/10.3390/toxins11100574>
25. Nadeem M, Imran M, Aslam Gondal T, Imran A, Shahbaz M, Muhammad Amir R, Wasim Sajid M, Batool Qaisarani T, **Atif M**, Hussain G, Salehi B. Therapeutic potential of rosmarinic acid: A comprehensive review. *Applied Sciences*. 2019 Aug 2;9(15):3139. <https://doi.org/10.3390/app9153139>
26. Imran M, Rauf A, Abu-Izneid T, Nadeem M, Shariati MA, Khan IA, Imran A, Orhan IE, Rizwan M, **Atif M**, Gondal TA. Luteolin, a flavonoid, as an anticancer agent: A review. *Biomedicine & Pharmacotherapy*. 2019 Apr 1;112:108612. <https://doi.org/10.1016/j.biopha.2019.108612>

27. Rashid A, Javed I, Rasco B, Sablani S, Ayaz M, Ali MA, Abdullah M, Imran M, Gondal TA, Afzal MI, **Atif M**. Measurement of off-flavoring volatile compounds and microbial load as a probable marker for keeping quality of pasteurized milk. *Applied Sciences*. 2019 Mar 6;9(5):959. <https://doi.org/10.3390/app9050959>
28. Ahsan F, Sharif MK, Butt MS, Rauf A, Shariati MA, Imran M, Gondal TA, Khan A, **Atif M**, Mabkhot YN, Asayari A. Legumes and leafy vegetables based multi-mix pakoras to alleviate iron and protein deficiency among school aged children. *BioCell*. 2019 Mar 13;43(1). https://www.researchgate.net/publication/332036574_Legumes_and_leafy_vegetables_based_multi-mix_pakoras_to_alleviate_iron_and_protein_deficiency_among_school_aged_children
29. **Atif, M**, Beenish Shahbaz, Syed Nasir Abbas Bukhari, Sonia Younas, Hasan Ejaz. Knowledge and Attitude towards Blood Donation in Educated and Illiterate Blood Donors Attending a Tertiary Care Hospital in Lahore 2019 P J M H S Vol. 13;1: 166-168. https://pjmhsonline.com/2019/jan_march/pdf/166.pdf
30. Imran M, Rauf A, Shah ZA, Saeed F, Imran A, Arshad MU, Ahmad B, Bawazeer S, **Atif M**, Peters DG, Mubarak MS. Chemo-preventive and therapeutic effect of the dietary flavonoid kaempferol: A comprehensive review. *Phytotherapy research*. 2019 Feb;33(2):263-75. <https://doi.org/10.1002/ptr.6227>
31. Naveed S, Zafar A, Javed H, **Atif M**, Abosalif KO, Ejaz H. Bacterial spectrum and antimicrobial susceptibility pattern in septic paediatric patients. *PAKISTAN JOURNAL OF MEDICAL & HEALTH SCIENCES*. 2018 Apr 1;12(2):845-8. https://pjmhsonline.com/2018/april_june/pdf/845.pdf
32. Zubair M, Imtiaz S, Zafar A, Javed H, **Atif M**, Abosalif KO, Ejaz H. Role of hospital surfaces in transmission of infectious diseases. *PAKISTAN JOURNAL OF MEDICAL & HEALTH SCIENCES*. 2018 Apr 1;12(2):857-9. https://pjmhsonline.com/2018/april_june/pdf/857.pdf
33. Imran M, Waheed Y, Ghazal A, Ullah S, Safi SZ, Jamal M, Ali M, **Atif M**, Ullah F. Modern biotechnology-based therapeutic approaches against HIV infection. *Biomedical Reports*. 2017 Dec 1;7(6):504-7. [10.3892/br.2017.1006](https://doi.org/10.3892/br.2017.1006)
34. Mansha S, Imran M, Shah AM, Jamal M, Ahmed F, **Atif M**, Saleem M, Safi SZ, Fatima Z, Bilal Waqar A. Hepatitis B and C virus infections among human immunodeficiency virus-infected people who inject drugs in Lahore, Pakistan. *Viral immunology*. 2017 Jun 1;30(5):366-70. <https://doi.org/10.1089/vim.2016.0144>
35. **Atif M**, Arshad S, Javaid K, ul Hassan M, Ahmad F, Imran M, Jamal A, Fatima Z, Waqar AB. Diabetes and Hepatitis C: Two sides of a coin. *Advancements in Life Sciences*. 2017 May 25;4(3):72-6. <http://www.als-journal.com/431-17>
36. Akram N, Imran M, Noreen M, Ahmed F, **Atif M**, Fatima Z, Bilal Waqar A. Oncogenic role of tumor viruses in humans. *Viral immunology*. 2017 Jan 1;30(1):20-7. <https://doi.org/10.1089/vim.2016.0109>

MEMBERSHIP OF SCIENTIFIC SOCIETIES

**2021-Date
2021**

Member of American Society for Biochemistry & Molecular Biology (ASBMB)
Member of American Society for Microbiology (ASM)