



Mohammad Aatif

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ABOUT ME

General Specialty: Biochemistry
Specific Specialty: Medical Biochemistry,
Molecular Biology.

[Scopus Author ID: 36967205800](#)

H Index : 18

Google citations: 1380

[Web of Science Researcher ID:
AAG-6489-2020](#)

SKILLS & PROFICIENCIES

- Microbiological Techniques
- Biochemical Techniques
- Biotechnological Techniques

COMMITTEE AND MEMBERSHIP AT COLLEGE LEVEL

- Member of Quality Assurance committee. (2022-present)
- Supervisor of Examination control. (2020-present)
- Member of Academic Affair committee. (2021-2023)
- Member of Research committee. (2020-2022)
- Member of Faculty Development committee. (2020-2021)
- Member of Student Activity committee. (2020-2021)
- Chairperson of Finance and lab management committee. 2020.

EDUCATION

PhD Biochemistry, 2012

Aligarh Muslim University, Aligarh, India

Masters in Biotechnology, 2005

Kamoun University, Nanital, India

Bachelors in Biotechnology, 2003

M.J.P Rohailkhand University, Bareilly, India

AWARDS & HONORS

Grant	Date	Status
Grant No. 6081	18/04/2024	DSR KFU (Completed)
Grant No. 5003	15/11/2023	DSR KFU (Completed)
Grant No. 5055	24/07/2023	DSR KFU (Completed)
Grant No. INST168	24/03/2023	DSR KFU (Completed)
Project Grant 3,012	02/03/2023	DSR KFU (Completed)
Grant 1523	15/11/2022	DSR KFU (Completed)
Grant 1,802	13/10/2022	DSR KFU (Completed)
Grant 676	01/05/2022	DSR KFU (Completed)
Nasher Track 216025	10/02/2021	DSR KFU (Completed)
Research Associate	Aug, 2012 - July 2014	AMU India

1. ME Oirdi, M Yaseen, U Farwa, MA Raza, M Farhan, ZA Sandhu, **Aatif M.** Crops and people: the dangers and potential benefits of pesticides. *Cogent Food & Agriculture* 10 (1), 2334096, 2025
2. AB Dukhyil, Q Zia, MT Rehman, MZ Ahmed, S Banawas, **Aatif M.** Anti-aggregation potential of polyphenols from Ajwa date palm (*Phoenix dactylifera*): An in-silico analysis. *Journal of King Saud University-Science* 36 (10), 103424, 2024.
3. G Muteeb, DSR Khafaga, MT El-Morsy, M Farhan, **M Aatif**, M Hosney. Targeting tumor-associated macrophages with nanocarrier-based treatment for breast cancer: A step toward developing innovative anti-cancer therapeutics *Heliyon* 10 (18)2024
4. F Zafar, G Shaheen, HM Asif, M Farhan, G Muteeb, **M Aatif** . Onosma bracteatum Wall Aqueous–Ethanollic Extract Suppresses Complete Freund’s Adjuvant-Induced Arthritis in Rats via Regulation of TNF- α , IL-6, and C-Reactive Protein . *Molecules* 29 (8), 1830 2024.
5. G Muteeb, MT Rehman, M Shahwan, **M Aatif**. Origin of antibiotics and antibiotic resistance, and their impacts on drug development: A narrative review. *Pharmaceuticals* 16 (11), 1615 232, 2023.
6. **M Aatif**, Current understanding of polyphenols to enhance bioavailability for better therapies.*Biomedicines* 11 (7), 2078, 32,2023.
7. M Farhan, M El Oirdi, **M Aatif**, I Nahvi, G Muteeb, MW Alam. Soy isoflavones induce cell death by copper-mediated mechanism: Understanding its anticancer properties. *Molecules* 28 (7), 2925
8. **M Aatif**, MA Raza, M El Oirdi, M Farhan, MW Mumtaz, M Hamayun, Bioassay-Guided Alkaloids Isolation from *Camellia sinensis* and *Colchicum luteum*: In Silico and In Vitro Evaluations for Protease Inhibition *Molecules* 2023, 28 (6), 2459.
9. Farhan, M.*; Rizvi, A.; **Aatif, M.**; Ahmad, A. Current Understanding of Flavonoids in Cancer Therapy and Prevention. *Metabolites* 2023, 13, 481.
10. Farhan, M.*; El Oirdi, M.; **Aatif, M.**; Nahvi, I.; Muteeb, G.; Alam, M.W. Soy isoflavone induces cell death by copper-mediated mechanism: understanding its anticancer properties. *Molecules* 2023 28, 2925.
11. Farhan, M*.; Rizvi, A.; Ali, F.; Ahmad, A.; **Aatif, M.**; Malik, A.; Alam, M.W.; Muteeb, G.; Ahmad, S.; Noor, A.; Siddiqui, F.A. Pomegranate juice anthocyanidins induce cell death in human cancer cells by mobilizing intracellular copper ions and producing reactive oxygen species. *Frontiers in Oncology* 2022, 12, 998346.
12. Farhan, M*.; Rizvi, A.; Ahmad, A.; **Aatif, M.**; Alam, MW; Hadi, SM.; Structure of some Tea Catechins and the availability of Intracellular Copper Influence their Ability to cause Oxidative DNA Damage in Malignant Cells. *Biomedicines* 2022, 10, 664.
13. A Alsultan, M Aatif, G Muteeb, Abyssomicin W and Neoabyssomicin B are potential inhibitors of New Delhi Metallo- β -Lactamase-1 (NDM-1): A computational approach , *Pharmacognosy Magazine* 2022 18 (80), 893-902