Neha Jaiswal

Ph.D. scholar

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ResearchGate: https://www.researchgate.net/profile/Neha-Jaiswal-19

Biography:
Neha Jaiswal is a Research scholar at NIT Raipur, India with a research focus on antifungal drug discovery, natural product chemistry, or computational biology. They have published extensively in reputable journals, including SCI journals like Microchemical Journal, Bioinformatics Advances, Rendiconti Lincei – Scienze Fisiche e Naturali, TOXCON and Molecular Biotechnology. Neha's work involves exploring the phytochemical properties of medicinal plants, with a particular interest in the antifungal activity against *Candida albicans.* Their research contributes to the understanding of virulence and multidrug resistance mechanisms in *Candida albicans*, aiming to identify new therapeutic targets for drug development. Neha has also presented their findings at prominent conferences, including XXVIII Symposium on Bioinformatics and Computer-Aided Drug Discovery, May 24, 2022.

Photo:

Publications:
Neha Jaiswal has authored several research papers focusing on antifungal drug discovery, phytochemical analysis, and molecular biology. Some of her notable publications include:

Title	Publication Type	Journal/Source	Date	Authors
Modulators of *Candida albicans* Membrane Drug Transporters: A Lucrative Portfolio for the Development of Effective Antifungals	Literature Review	Molecular Biotechnology	January 2024	Neha Jaiswal, Awanish Kumar
Candida die-off: Adverse effect and neutralization with phytotherapy approaches	Literature Review	Toxicon	December 2023	Neha Jaiswal, Awanish Kumar
Human secretory and excretory fluids, molecular constituents, and their biotherapeutic perspective against fungal pathogen *Candida albicans*	Article	Rendiconti Lincei. Scienze Fisiche e Naturali	November 2023	Neha Jaiswal, Awanish Kumar
A soft-computation hybrid method for search of the antibiotic-resistant gene in *Mycobacterium tuberculosis*	Article	Bioinformatics Advances	July 2023	Neha Jaiswal,

for promising drug target identification and antimycobacterial lead discovery				Awanish Kumar
Drug resistance in pathogenic species of *Candida*	Chapter	In book of Advanced Microbial Techniques in Agriculture, Environment, and Health Management	January 2023	Neha Jaiswal, Awanish Kumar
HPLC in the discovery of plant phenolics as antifungal molecules against *Candida* infection-related biofilms	Article	Microchemical Journal	May 2022	Neha Jaiswal, Awanish Kumar