

Jasim Khan, Ph.D.

Post-Doctoral Fellow
UAB School of Medicine,
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Areas of Interest

Toxicology, Cancer Biology, Signal Transduction, Inflammation

Publications: <https://scholar.google.co.in/citations?user=m3QstJ8AAAAJ&hl=en>

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Biography

I am having a broad background in Environmental Toxicology with special emphasis on brain and skin. Since beginning, focus of my research was on the involvement of reactive oxygen (ROS) species in the chemical-induced neuropathology and inflammatory responses *in vitro* and *in vivo*. I have studied the protective potential of natural alkaloids in the acute and chronic neurotoxicity of environmental pollutants. I joined The University of Alabama at Birmingham in the year 2018 and currently working as a post-doctoral fellow in the UAB School of Medicine. Here, my work is focused on the mechanistic role of inflammation in carcinogenesis and inflammatory diseases together with the application of translational approach by small molecules. I have published my work in many reputed and high impact journals like *Proceedings of National Academy of Sciences (PNAS)*, *Journal of Investigative Dermatology (JID)*, *Annals of New York Academy of Sciences*, *Neurochemistry International*, *Toxicology*, etc. I have been a reviewer for several manuscripts in the journals such as *Human and Experimental Toxicology*, *Frontiers in Molecular Biosciences* and *Molecular Carcinogenesis*.

Education & Training

Graduate School

Ph.D. in Toxicology – Jamia Hamdard & National Institute of Immunology, New Delhi, India.

M.Sc. in Toxicology – Jamia Hamdard, New Delhi, India.

B.Sc. in Biotechnology – Barkatullah University, Madhya Pradesh, India.

Awards/Fellowships

JRF and SRF awarded by University Grants Commission, New Delhi, India.