

# Dr. IkramUllah

Assistant Professor, CIRBS, IIUI

PhD (South Korea), Post Doc. (South Korea)

Dr. IkramUllah uses molecular and proteomic approaches to understand neuronal apoptosis under different stress conditions as well searching for novel small drug molecules for the treatment of such disorders using both *in vitro* & *in vivo* animal models. His PhD work was based on the effect of ethanol, Kianic acid and PTZ on GABAB1 receptor expression for downstream signaling pathways, apoptotic neurodegeneration, epileptic seizure and role of GABAB1 receptor expression in early development.



He was awarded PhD and postdoctoral fellowship by Brain Korea 21 (BK-21 Fellowship Program). He is the author of 25 research articles and having a total impact factor above 60. He has 7 years of research experience abroad in Molecular Biology Techniques including Western blot, animal cell culture, Microscopy, immunohistochemistry, electron microscopy, development of animal models for epilepsy and Alzheimer's. Currently he is involved in teaching to MS & PhD students at CIRBS and involved in designing projects for the students.

Dr. Ikram was actively involved in fully funded projects during his PhD and Postdoctoral research in the Lab of Prof. Myeong Ok Kim. He has successfully completed one of the huge funded projects of KRF (One million US dollars) with title "The neuroprotective role of osmotin against neurodegeneration in developing brain". The project was completed within time and the results were published in a well reputed journal. Currently he is going to establish a well-equipped lab for the treatment of different neurological disorders including epilepsy and Alzheimer'

## Contact Information:

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