

Citation (summary) on the outstanding research work on which award is claimed

Dr Anirban Basu has made significant contributions towards our understanding of the regulatory role of neuro-inflammation in the pathogenesis of Japanese Encephalitis (JE) and other neuro-degenerative diseases. Based upon their basic research at National Brain Research Center, Manesar, a clinical trial has been conducted at King George Medical University, Lucknow, where minocycline has been used as a therapy for JE and the patients with Acute Encephalitis Syndrome (AES). The outcome of this trial indicates that Minocycline has a potential to be included in the management of AES and JE.

Anirban's work has not only highlighted the importance of neuro-immune response in regulating viral infection in the brain, but his work has been instrumental in filling the void needed to bridge the gap between translational and the basic research centering JE and other virus mediated encephalitis and neuro-degenerative disorders. During his stay at NBRC, Anirban has developed an internationally acclaimed neurovirology research group with immense potential in drug discovery and molecular medicine research pertinent to brain disorders caused by neuro viral infection.



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