



# AMITY UNIVERSITY

— UTTAR PRADESH —

## AMITY CENTRE FOR TRANSLATIONAL RESEARCH

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Professor & Asst. Director

To,  
The Editor(s),  
Preprints

Sub- Manuscript submission for publication in preprint

Dear Editor(s),

We wish to submit a review article entitled '**Tailoring MAPK pathways: New Therapeutics avenues for managing Alzheimer's Diseases**' for preprints. We are submitting this to Lancet Neurology as regular submission. We believe that the findings presented in this review article make a significant contribution to the field of neurology and align with the high standards of your esteemed journal.

### **Significance**

The central theme of this manuscript focuses on the potential of targeting the MAPK pathway specifically the p38 isoform, in the context of Alzheimer's disease. The article aims to bridge the existing knowledge gap regarding the functions of various kinases in neuronal tissues and underscores the significance of MAPK-based intervention as a novel and promising approach in the treatment of AD, discussing both preclinical evidence and clinical trials with MAPK inhibitors. The article concludes by advocating for further research, including the development of blood-brain-barrier permeable inhibitors, and suggests a combinatorial therapy approach for enhanced efficacy in managing neuro-inflammation associated with AD.

We have no conflicts of interest

Thanking you



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