

Faculty Details

Name: Dr. Madhubabu G.B.

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Area Of Research:Neurobiology

Faculty Details

Dr.Madhubabu has completed integrated MSc/PhD from the Max Planck Institute for Multidisciplinary Sciences (Goettingen, Germany). His research is focused on understanding the fundamental mechanisms of neurodegenerative diseases using simple disease models and systems biology approaches.

Notice Board

No Records Available

Students And Project Trainees

No Records Available

Publications

- 3 Yadav RK, Gautam DK, Muj C, Madhubabu GB*, and Paddibhatla I (2021) , Methotrexate negatively acts on inflammatory responses triggered in larva with hyperactive JAK/STAT pathway , Developmental and Comparative Immunology, ,,, IF - 3.49.
- 2 Gajula Baliya Madhu Babu, Griesinger C, Herzig A, Zweckstetter M, Jaeckle H. (2011) , Pre-fibrillar alpha-synuclein mutants cause Parkinson's disease-like non-motor symptoms in Drosophila , PLoS One, ,,, IF - 3.24.
- 1 Karpinar, D.P., Madhu Babu, G.B., Kugler, S., Opazo, F., Rezaei-Ghaleh, N., Wender, N., Kim, H.Y., Taschenberger, G., Falkenburger, B.H., Heise, H., et al. (2009) , Pre-fibrillar alpha-synuclein variants with impaired beta-structure increase neurotoxicity in Parkinson's disease models , EMBO J, ,28,, IF - 11.6.

Projects

Title	Year	Duration	Amount(In Lakhs)	PI/I
Repurposing Tau-mediated Neurotoxicity in Alzheimer's Disease and Tauopathies	2022	3	300000000000	PI
Understanding the Tau and Fyn Kinase Mediated Pathogenetic Mechanism in the Amyloid-beta induced Alzheimer's Disease and Tauopathies	2021	3	452000000000	PI
Drosophila NMJ as Model to study 'synaptopathies' in synucleinopathies.	2015	1	30000000000	PI
Uncovering the mechanism of alpha-Synuclein neurotoxicity in the Drosophila Parkinson's disease model	2013	3	400000000000	PI