



26<sup>th</sup> August 2024

Dear colleagues,

It is a great pleasure to nominate Maddika Subba Reddy, a reputed cell biologist and a group leader at Centre for DNA Fingerprinting and Diagnostics (CDFD), for the Award of Sun Pharma Research Fellowship – Medical Sciences Basic research category.

Maddika is an internationally renowned researcher, who has made outstanding contributions in basic cell & molecular signaling which have huge potential in clinical applications. Using elegant and systematic genetic, molecular and cell biological approaches, his group at CDFD has unraveled complex cellular functions of protein phosphatases involved in cancer and signaling. To summarize, his group made several important discoveries in phosphatase biology [Dev Cell (2024), EMBO Journal (2022), EMBO Reports (2019), Cell Reports (2017), Nature communications (2016), Nature Cell Biology (2011, 2009), Cancer Research (2013), Molecular and Cellular Biology (2014), JBC (2013, 2017)]. Of note, he identified novel roles of phosphatases during vesicular trafficking, Kinetochore assembly, Cell-junction integrity and eukaryotic transcription. These advances in phosphatase biology are crucial for the development of therapies for diseases in which these enzymes are dysregulated, such as cancer or neurodegenerative disorders.

Maddika's work is at the cutting edge of cellular signaling as can be seen from the appreciation of his peers- his work is published in prestigious international journals with extensive citations, and his projects are supported by several international funding agencies. In addition, for his outstanding research contributions, he has been awarded the Shanti Swarup Bhatnagar Prize. His election as a fellow of three national science academies, Indian National Science academy (Delhi), Indian Academy of Sciences (Bangalore) and National Science Academy (Allahabad) testifies the significance of his research contributions. Given these credentials, I strongly support his nomination for the Award of Sun Pharma Research Fellowship – Medical Sciences Basic research category.

Best regards,



[Manjula Reddy]

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