

To,

The Selection Committee

Sun Pharma Science Foundation

8C, 8 Floor, Hansalaya Building, 15-Barakhamba Road,

Connaught Place,

New Delhi-110 001

Subject: Statement of excellence in research work for which the Sun Pharma Research Fellowship is claimed – Reg.

Dear Members of the Selection Committee,

As a dedicated researcher in the field of neurodegeneration, I have consistently contributed to advancing our understanding of neurodegenerative diseases through innovative research and publications. My work has primarily focused on exploring the molecular mechanisms underlying neurodegeneration, with an emphasis on identifying potential therapeutic targets and biomarkers. This research is critical given the increasing prevalence of neurodegenerative disorders, such as Alzheimer's disease and Parkinson's disease, which represent a significant global health challenge.

One of my most notable contributions is the investigation of the long-term behavioral and molecular effects of neurotoxic agents using zebrafish as a model organism. This work has provided valuable insights into the pathways of oxidative stress, apoptosis, and amyloid plaque formation, which are central to the pathogenesis of neurodegenerative diseases. My research has not only elucidated these mechanisms but also identified key molecular targets that could be leveraged for therapeutic interventions.

In addition to my research, I have been actively involved in publishing and presenting my findings in reputable journals and conferences, which has helped to disseminate new knowledge and foster collaboration within the scientific community. These underscore the impact of my work on the scientific community and my potential to contribute further to the field of neurodegeneration.

With a strong foundation in neurodegenerative research, I am eager to leverage this fellowship to continue my investigations, particularly in the context of developing novel therapeutic strategies. The Sun Pharma Research Fellowship would provide an invaluable opportunity to advance this

critical area of research, ultimately contributing to improved outcomes for patients suffering from neurodegenerative diseases.