

Hyderabad Eye Research Foundation

To,

25-07-2024

The committee,

Sun Pharma Science Foundation,

New Delhi.

Reg: Nomination of candidate for science scholar fellowship

Dear committee members,

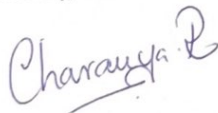
It is my distinct pleasure to nominate Ms. Jacquelyn Akepogu for the prestigious Sun Pharma Science Scholar Fellowship. Jacquelyn has been working towards her PhD thesis in my lab for the last two years. Her research is aimed at understanding the role of specific ion channels in sensing mechanical stress in the environment and in regulating the response of cells (corneal endothelium) to these stresses. The specific stress she is interested in studying is increased intraocular pressure, which when left uncontrolled, frequently leads to a disease condition called glaucoma that afflicts millions globally leading to irreversible loss of vision. Her research will greatly help in determining the cellular mechanisms involved in how these cells sense pressure change and adapt to the same. In due course, it is expected that her findings will aid in developing novel treatment strategies to prevent vision loss in such individuals.

Jacquelyn is a diligent worker, a quick learner, a smart researcher with good critical thinking ability and excellent leadership qualities. She takes ownership for her work and is well on her way to becoming an expert in the field. In the last two years, she has successfully published her other research findings in prestigious peer-reviewed international vision research journals. She is a recipient of the Lady Tata Memorial Fellowship that supports her PhD candidature and has won the best poster award at the Indian Eye Research Group conference for the work proposed in this application.

In all, I am very positive that Jacquelyn's scientific contributions will greatly aid us in understanding an important and novel aspect of vision. I therefore strongly recommend her for this award which will motivate her further to do well.

Thank you

Sincerely,



Dr. Charanya Ramachandran

Scientist



LV Prasad Eye Institute, Kallam Anji Reddy Campus, LV Prasad Marg, Banjara Hills, Hyderabad 500034, India
Tel: +91 40 68102020, Fax: +91 40 23548339, Email: info.hyd@lvpei.org, Website: www.lvpei.org