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आई सी एम आर - राष्ट्रीय प्रजनन एवं  
बाल स्वास्थ्य अनुसंधान संस्थान  
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य और परिवार  
कल्याण मंत्रालय, भारत सरकार

ICMR - National Institute for Research in  
Reproductive and Child Health

Department of Health Research, Ministry of Health  
and Family Welfare, Government of India

**Dr. Priyanka Parte**

Head, Department of Gamete Immunobiology  
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**To Whom It May Concern,**

I am writing to support the nomination of **Ms. Durva Panchal** for SUN PHARMA SCIENCE FOUNDATION SCIENCE SCHOLAR FELLOWSHIPS 2024 FOR YOUNG SCIENTISTS. As the Head of the Gamete Immunobiology Department and her Ph.D. mentor, I have closely observed Durva's research and academic contributions.

Ms. Durva is very focused and has demonstrated exceptional dedication and expertise in her research on '*N-formyl-L-aspartate mediates chemotaxis in sperm via the beta-2-adrenergic receptor*'. Her work has been conducted with notable rigor and creativity, leading to significant findings in the field of reproductive biology.

Ms. Durva has exhibited strong analytical skills, a high level of intellectual curiosity, and an ability to work independently and collaboratively. Her research has not only advanced our understanding of the role of sperm chemoattractants and their mechanism of actions but has also contributed to the broader scientific community through her publication in Frontiers in cell and developmental biology doi: [10.3389/fcell.2022.959094](https://doi.org/10.3389/fcell.2022.959094)

Given Durva's impressive track record and the impact of her research, I strongly believe that they are a deserving candidate for SUN PHARMA SCIENCE FOUNDATION SCIENCE SCHOLAR FELLOWSHIPS 2024 FOR YOUNG SCIENTISTS.

Thank you for considering **Ms. Durva Panchal** for this nomination.

If you require any additional information, please feel free to contact me.

Sincerely,

**Dr. Priyanka Parte**  
Department of Gamete Immunobiology  
ICMR - NIRRH

