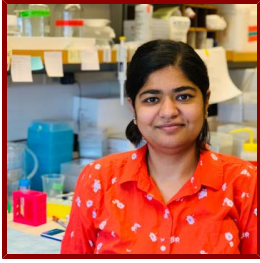


# Stanford

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## Neha Nandwani

Postdoctoral Scholar, Biochemistry

### Bio

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#### INSTITUTE AFFILIATIONS

- Member, Maternal & Child Health Research Institute (MCHRI)

#### HONORS AND AWARDS

- AHA Postdoctoral Fellowship, American Heart Association (2022-2023)
- MCHRI Postdoctoral Fellowship, Stanford Maternal and Child Health Research Institute (2020-2022)
- Dean's Postdoctoral Fellowship, Stanford University School of Medicine (2020)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Unlisted School (2018)
- Master of Science, Unlisted School (2009)
- Bachelor of Science, Unlisted School (2008)
- Ph.D., National Centre for Biological Sciences, India , Biochemistry and Biophysics (2018)
- M.Sc., University of Delhi, India , Biochemistry (2009)
- B.Sc., University of Delhi, India , Biochemistry (2007)

#### STANFORD ADVISORS

- James Spudich, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **Nanomechanical Phenotypes in Cardiac Myosin-Binding Protein C Mutants That Cause Hypertrophic Cardiomyopathy.** *ACS nano*  
Suay-Corredera, C., Pricolo, M. R., Velazquez-Carreras, D., Pathak, D., Nandwani, N., Pimenta-Lopes, C., Sanchez-Ortiz, D., Urrutia-Irazabal, I., Vilches, S., Dominguez, F., Frisso, G., Monserrat, L., Garcia-Pavia, et al  
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- **Study of Hcm Causing beta-Cardiac Myosin Mutations Located at Different Structurally Significant Regions of the Myosin-Head**  
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- **Uncovering the Molecular and Structural Basis of Hypertrophic Cardiomyopathy-Causing Mutations in Myosin and Myosin Binding Protein-C**  
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- **A five-residue motif for the design of domain swapping in proteins** *NATURE COMMUNICATIONS*  
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- **Amino-acid composition after loop deletion drives domain swapping** *PROTEIN SCIENCE*  
Nandwani, N., Surana, P., Udgaonkar, J. B., Das, R., Gosavi, S.  
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- **Rapidly fatal myeloproliferative disorders in mice with deletion of Casitas B-cell lymphoma (Cbl) and Cbl-b in hematopoietic stem cells** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
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- **Reciprocal Regulation of AKT and MAP Kinase Dictates Virus-Host Cell Fusion** *JOURNAL OF VIROLOGY*  
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