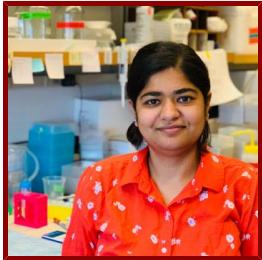


Stanford



Neha Nandwani

Postdoctoral Scholar, Biochemistry

Bio

INSTITUTE AFFILIATIONS

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

HONORS AND AWARDS

- AHA Postdoctoral Fellowship, American Heart Association (2022-2024)
- MCHRI Postdoctoral Fellowship, Stanford Maternal and Child Health Research Institute (2020-2022)
- Dean's Postdoctoral Fellowship, Stanford University School of Medicine (2020)

PROFESSIONAL EDUCATION

- 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

PUBLICATIONS

- **Cryo-EM structure of the folded-back state of human #-cardiac myosin.** *Nature communications*
Grinzato, A., Auguin, D., Kikuti, C., Nandwani, N., Moussaoui, D., Pathak, D., Kandiah, E., Ruppel, K. M., Spudich, J. A., Houdusse, A., Robert-Paganin, J. 2023; 14 (1): 3166
- **Allosteric destabilization of the super-relaxed state of cardiac myosin by hypertrophic cardiomyopathy-causing mutations**
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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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● **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*

Naramura, M., Nandwani, N., Gu, H., Band, V., Band, H.

2010; 107 (37): 16274–79

● **Reciprocal Regulation of AKT and MAP Kinase Dictates Virus-Host Cell Fusion** *JOURNAL OF VIROLOGY*

Sharma, N. R., Mani, P., Nandwani, N., Mishra, R., Rana, A., Sarkar, D. P.

2010; 84 (9): 4366-4382

PRESENTATIONS

- One drug does not fit all: HCM mutations differentially impact the inhibitory effect of two distinct small-molecule drugs targeting cardiac myosin - Stanford CVI Early Career Symposium