

Stanford



Neha Nandwani

Postdoctoral Research Fellow, Biochemistry

Bio

INSTITUTE AFFILIATIONS

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

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

- **Study of Hcm Causing beta-Cardiac Myosin Mutations Located at Different Structurally Significant Regions of the Myosin-Head**
Bhowmik, D., Nandwani, N., Ruppel, K., Liu, C., Spudich, J. A.
CELL PRESS.2020: 435A
- **Uncovering the Molecular and Structural Basis of Hypertrophic Cardiomyopathy-Causing Mutations in Myosin and Myosin Binding Protein-C**
Nandwani, N., Trivedi, D. V., Sarkar, S. S., Morck, M., Ruppel, K., Spudich, J. A.
CELL PRESS.2020: 435A
- **A five-residue motif for the design of domain swapping in proteins** *NATURE COMMUNICATIONS*
Nandwani, N., Surana, P., Negi, H., Mascarenhas, N. M., Udgaonkar, J. B., Das, R., Gosavi, S.
2019; 10: 452
- **Amino-acid composition after loop deletion drives domain swapping** *PROTEIN SCIENCE*
Nandwani, N., Surana, P., Udgaonkar, J. B., Das, R., Gosavi, S.
2017; 26 (10): 1994–2002
- **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