



Megha Agarwal

Postdoctoral Scholar, Cardiology

Bio

HONORS AND AWARDS

- Research journey interview featured by the journal *Development*, *Development* (2020)
- Senior Research Fellow Award, Department of Biotechnology, India (2019-2020)
- Best Oral Presentation Award, UNESCO-Regional Centre for Biotechnology Open day, Faridabad, India (2018)
- Travel Award, Tsakura Science Club, Tsakura, Japan (2017)
- Senior Research Fellow Award, Indian Council of Medical Research, India (2014-2019)
- Junior Research Fellow Award, Indian Council of Agriculture Research, India (2013-2014)
- National Eligibility Test Award, University Grant Commission, India (2013)
- Best Poster Presentation Award, National Symposium on Emerging Trends in Biotechnology Research (2013)
- Institutional fellowship, Indian Veterinary Research Institute, Izzatnagar, India (2011-2013)

PROFESSIONAL EDUCATION

- PhD, UNESCO-Regional Centre for Biotechnology, Faridabad, India , Developmental Genetics (2020)
- MVSc, Indian Veterinary Research Institute, Izzatnagar, India , Animal Biotechnology (2013)
- BVSc & AH, Govind Ballabh Pant University of Agriculture and Technology, India , Veterinary Science (2011)

STANFORD ADVISORS

- Casey Gifford, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **The ER membrane protein complex acts as a chaperone to promote the biogenesis of multi-bundle membrane proteins.** *bioRxiv : the preprint server for biology*
Stanton, M., Singal, B., Biswal, M., Agarwal, M., Scheuing, C. E., Vargas, G. D., Gao, A., Gifford, C. A., Pleiner, T.
2026
- **NewsSumm: The World's Largest Human-Annotated Multi-Document News Summarization Dataset for Indian English** *COMPUTERS*
Motghare, M., Agarwal, M., Agrawal, A.
2025; 14 (12)
- **Deep learning the dynamic regulatory sequence code of cardiac organoid differentiation.** *bioRxiv : the preprint server for biology*
Metzl-Raz, E., Zhao, R., Deshpande, S., Powell, J., Porter, E. G., Zouaghi, Y., Liu, B. B., Kim, S. H., Abdi, I., Evergreen, I., Agarwal, M., Sheth, M. U., Rico, et al

2025

- **Chicken Pulmonary MicroRNAs Targeting the PB2 (Segment 1) of Avian Influenza Virus** *ANIMAL RESEARCH AND ONE HEALTH*

Choudhary, A., Nidhishree, N. S., Pundir, R., Asaf, V., Mishra, A., Raut, A., Agarwal, M., Kumar, A.

2025

- **The Wnt-pathway corepressor TLE3 interacts with the histone methyltransferase KMT1A to inhibit differentiation in Rhabdomyosarcoma.** *Oncogene*

Kalita, B., Sahu, S., Bharadwaj, A., Panneerselvam, L., Martinez-Cebrian, G., Agarwal, M., Mathew, S. J.

2024

- **TLE4 regulates muscle stem cell quiescence and skeletal muscle differentiation** *JOURNAL OF CELL SCIENCE*

Agarwal, M., Bharadwaj, A., Mathew, S. J.

2022; 135 (4)