

2025 MIPS Seminar Program

 06 Aug 2025  12:00 to 1:00 pm  LT3

UNCOVERING THE RULES UNDERLYING MITOCHONDRIAL VOLUME HOMEOSTASIS

Dr Vaishnavi Ananthanarayanan



Vaishnavi is an EMBL Australia Group Leader at Single Molecule Science (SMS), Dept of Molecular Medicine, School of Biomedical Sciences. She graduated with a PhD in Biophysics from the Max Planck Institute of Molecular Cell Biology and Genetics, Dresden, Germany in 2014. She started her independent group in 2014 at the Indian Institute of Science, Bangalore with her Dept. of Science and Technology (India) INSPIRE Faculty Award. She transitioned to an Assistant Professor position in the same institute in 2017.

In 2019, she was inducted to the European Molecular Biology Organization (EMBO) as a Young Investigator and was granted the Wellcome Trust/DBT India Alliance Intermediate Fellowship.

Most recently, her work was recognised with the American Society for Cell Biology (WICB) Junior Award for Excellence in Research 2021 and Royal Microscopical Society (UK) Award for Life Sciences 2025. In June 2020, she co-founded BiasWatchIndia, an initiative to document representation of women, and to combat gender-biased panels at Indian science conferences.

She moved to Australia in Nov 2020 to set up her lab at SMS, UNSW. Her lab's research seeks to understand how stochastic and rare interactions give rise to complex intracellular organisation, with a particular focus on the cytoskeleton and motor proteins.