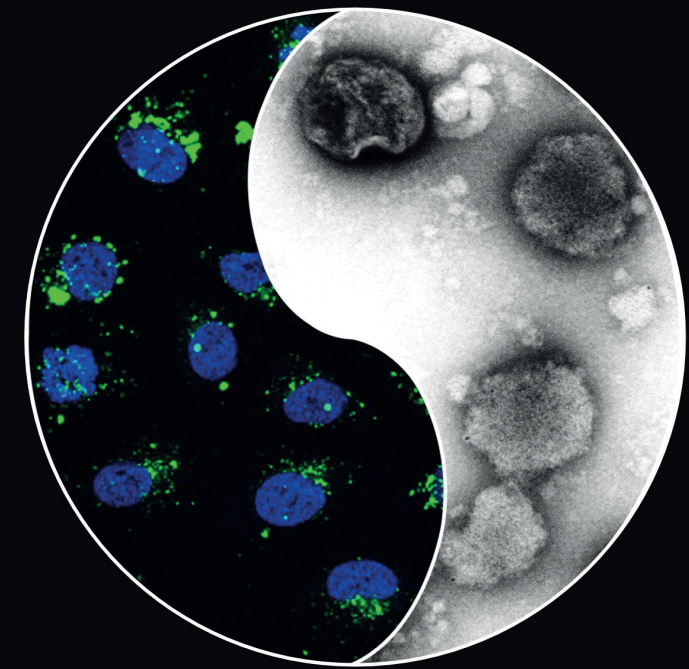




Ganesh V. Shelke earned his Integrated Master's degree in Biotechnology from Pune University, India. His Master's thesis work focused on childhood brain tumors and was carried out at the National Centre for Cell Science in Pune University, India. In 2012, he received the European Academy of Allergy and Clinical Immunology (EAACI) long-term fellowship and began working as a visiting researcher at University of Gothenburg, Sweden, where

he embarked onto research on extracellular vesicles (EVs). In 2014, he was inducted into the doctoral program at the Krefting Research Centre, University of Gothenburg, Sweden. His doctoral thesis focuses on the cell biology of mast cells-derived EVs and how they regulate biological processes. His work further highlights the topology and functions of EV surface-associated DNA and TGF- β 1. His discoveries include the presence of DNA on the surface of EVs and its role in innate immunity. Deeper insights into the nature of the cargo associated with EVs will help understand the origin, mechanism and the fundamental basis of cell-to-cell communication eventually impacting its usage for theranostics purposes.

Function of Surface-Associated Protein and DNA on Extracellular Vesicles | Ganesh Shelke



Function of Surface-Associated Protein and DNA on Extracellular Vesicles

Ganesh Shelke