**Statement of Research Achievements**

Prof. Nitish R. Mahapatra undertook a multidisciplinary approach that utilized biochemistry, cell and molecular biology, biophysical, physiology and genetics techniques as well as animal models and human subjects to decipher the plausible mechanisms of hypertension and type 2 diabetes in Indian populations. His studies have identified several common genetic variants that significantly enhance the risk for cardiovascular and metabolic diseases. His studies also revealed molecular mechanisms (at the transcriptional, post-transcriptional and post-translational levels) underlying the increased disease risk in the carriers of the identified genetic variations. These findings have implications for clinical management of cardiometabolic disorders.

In recognition of his scientific contributions, he has received the following awards and fellowships:

* Elected as Fellow of the American Heart Association (2021)
* Elected as Fellow of the National Academy of Sciences, India (2019)
* JSPS (Japan Society for the Promotion of Science) Invitational Fellowship (2019)
* C. R. Krishna Murti Award for the year 2018from the Society of Biological Chemists (India)
* Torrent Research Award from the International Society for Heart Research-Indian Section (2018)
* Fulbright-Nehru Academic and Professional Excellence Fellowship (2016)