

**Manoj Kumar Chakrabarti, M.Sc., Ph.D., FAScT.,FNASc.
ICMR Emeritus Medical Scientist
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Dr. Manoj Kumar Chakrabarti, currently an ICMR Emeritus Medical Scientist is highly reputed for his work. He served as Scientist G and Director (I/C), National Institute of Cholera & Enteric Diseases (NICED), one of the leading national biomedical research Institutes especially in enteric diseases in India where he provided dynamic leadership to 15 research groups conducting translational research programs to discover and understand the molecular mechanism involved in enteric diseases including diarrhea. In his 34 years with ICMR as Scientist in various capacities, Dr. Chakrabarti made several pivotal contributions. One of his works led to the development of a cheap and efficacious candidate vaccine against shigellosis whose potential has been acknowledged globally. For his deep expertise in this area he was invited to write an article on vaccine development in *Methods in Molecular Biology*, 2016 (Springer publication, New York, USA). His research on further development of ORS has made an impact in the field. Dr. Chakrabarti's work on potassium channel is of therapeutic value. Moreover his work has a great potential on the possibility of development of a non-hemolytic variant of TDH and a protease as novel agent in the therapy of human colorectal cancer in future. Beside being an outstanding researcher Dr. Chakrabarti is deeply involved in human resource development. He has supervised several students for their Ph.D thesis. Dr. Chakrabarti did post doctoral research at the university of Kansas USA and also worked at Nagasaki university Japan as visiting Scientist. He is associated with different universities as guest faculty, member UG and PG board

of studies, Ph.D committee etc. Dr Chakrabarti's outstanding contribution to science in general and diarrhoeal diseases in particular has been recognized by his being elected to the Fellowship of the National Academy of Science (FNASc.), India, and West Bengal Academy of Science and Technology (FAScT). He has received awards from different societies including platinum jubilee lecture of ISCA. He was the General Secretary of Indian Science Congress Association, 2010-13. He served as a member of several selection committees, advisory bodies, and research grant review panel and continues to be called upon by many govt. and private foundations to evaluate the work of others. Because of his contribution in the area of enteric diseases he was elected as the President, Section of Physiology of the Indian Science Congress Association 2001-2002 and has been invited to serve as a reviewer of different National and international journals. Dr Chakrabarti is Area Editor of Medical Science Section of Every man's Science. He published more than 90 original papers in the area of his research as well as book chapters and review articles. He has two national and one international patent. In short Dr. Chakrabarti is believed by his peers to be a pioneer and national leader in the study of intestinal cell and molecular biology and its relevance for diarrhea and enteric diseases.