

## **Biography**

Dr. Mohamed Elhadidy is currently an associate professor of Biomedical Sciences at Zewail City for science and technology, Egypt. Dr. Elhadidy holds a DVM degree from Mansoura University in Egypt. He obtained his Master's degree in 2006 in Microbiology from Mansoura University and obtained his PhD (2010) in Microbiology from Virginia Tech University, USA. From 2011-2017, Dr. Elhadidy served as a research scientist at School of Medicine, University of Saskatchewan, Canada; University of Bristol, UK; and University of Gent and Scientific Institute of Public health in Belgium. In 2018, he also served as a visiting professor at University of Bath, UK. Dr. Elhadidy research interests is focused on investigating the ecology, epidemiology, and evolution of different food-borne pathogens causing human infection using different comparative genome analysis and population genetics studies. His most recent research activities implemented different genomics tools to investigate the molecular characterization of different genetic markers that play a role in virulence potential, antimicrobial resistance and transmission of shiga toxin-producing *Escherichia coli*, *Campylobacter* and *Brucella* to human. He is an author of more than 40 international scientific publications in this field.

Dr. Elhadidy is a current member of the Global Young Academy, African Academy of Sciences, and National Microbiology Council and a former member of committee, National Academy of Sciences, USA to develop framework of faculty members in MENA region and Egypt who are better able to teach issues related to the responsible conduct of science by combining tenets of active learning pedagogical techniques.