

CV Prof. Margherita Sacco

Prof. Margherita Sacco is Associate Professor of Microbiology at the Dpt. of Environmental, Biological and Pharmaceutical Sciences and Technologies (DiSTABiF), University of Campania “Luigi Vanvitelli”, Caserta, Italy, since 1998. After the degree in Biology in 1978 (summa cum laude), she spent five years as postdoctoral fellow at the Washington University, Medical School, Div. of Infectious Diseases, St. Louis, MO, USA (1979/81) and at the Dept. of Biochem. and Molec. Genet., Pasteur Institute, Paris, France (1982/83). She has been a staff scientist at the International Institute of Genetics and Biophysics, CNR, Naples, Italy (1984/98).

The main research activity of Prof. Sacco is focused on gene regulation in prokaryotes. Since late 90’ she has worked on lactic acid bacteria, studying the role of the CcpA master regulator in central metabolism and in stress response, and the role of adhesins in the mechanisms of competitive exclusion of probiotics vs pathogens. More recently she has started a research line on regulation of newly identified efflux pumps in mycobacteria.