

Professor Sven Pettersson received his PhD, MD from Umeå University in Sweden in 1986 and in 2000 he was appointed to a strategic professorship in the field of host-microbe interactions at Karolinska Institutet. His overall research interests are to further understand how the gut microbiome modulates development and host physiology in mammals. His main focus in this research is on signalling pathways and metabolites which can influence brain development and function. He is currently also affiliated with the National Cancer Centre as a Senior Principal Investigator and as Professor at Lee Kong Chian School of Medicine, Nanyang Technological University (NTU) in Singapore. He is the Director of core facilities for germ free research at KI and a larger unit located in Singapore.