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Laurent Renia is currently a professor of infectious diseases and the director of the respiratory and Infectious Diseases Program at the Lee Kong Chian School of Medicine, and in the School of Biological Sciences, Nanyang Technological University. He is also a senior fellow and principal investigator of the A*STAR ID Labs.

He has obtained my Ph.D. in 1991 from University Pierre et Marie Curie (now Sorbonne University) in Paris, France, and did my post-doctoral at New York University (1991-1992) under Victor Nussenzweig. He returned to Paris in 1993 where he obtained a permanent position as a research scientist at the French National Institute of Health (INSERM). Between 2001-and 2006, he became research director at INSERM, co-director, and director of the Department of Immunology at the Institut Cochin. he first joined A*STAR as a senior principal investigator in the Singapore Immunology Network (SIgN) in 2007. He became its Executive Director in 2013 from 2020. In 2020, he founded the A*STAR ID Labs (A*STAR) as its Executive director. he holds an adjunct position at the French National Institute of Health (INSERM). His scientific interests cover the immunology of infectious disease, focusing on mosquito-borne and zoonotic diseases, and newly emerging viruses such as SARS-CoV-2. His research focuses on shaping new concepts based on the understanding of molecular and cellular mechanism immunity through the development of animal models and new assays and approaches. He has published more than 400 articles and book chapters.