



Dr. Patrick Provost is a Full Professor in the Department of Microbiology–Infectiology and Immunology at the Faculty of Medicine of Université Laval and Researcher at the CHUQ Research Center/CHUL in Quebec City, QC, Canada since 2001.

He began his academic career at the Université du Québec à Montréal (UQAM) in Montreal, Quebec, Canada, where he received a BSc in Biochemistry (1989). He then obtained a MSc in Cellular Biopathology (1991) and a PhD in Biomedical Sciences (1996) from the University of Montreal for his research work performed at the Montreal Heart Institute, in Montreal, Quebec, Canada. He pursued a 5–year postdoctoral training in Molecular Biology (2001) in the laboratory of Professor Bengt

Samuelsson (Nobel Prize in Physiology or Medicine in 1982) at the Karolinska Institutet, in Stockholm, Sweden, during which he discovered and characterized the human form of the ribonuclease Dicer, the enzyme catalyzing the formation of the small gene regulatory microRNAs.

He published more than 50 peer–reviewed papers, most of which are relevant to the molecular biology of microRNAs in regulating gene expression in human cells, with the perspective to elucidate the link between microRNAs and specific genetic diseases. Dr. Provost has published his work in 39 different scientific journals and has provided research materials to ~175 laboratories worldwide. His papers have been cited a total of 8033 times (h–index: 29; i10–index: 51).

His current research interests aim to improve our understanding of the molecular mechanisms underlying microRNA biogenesis, function and transfer between cells and species through microparticles, in the context of human health, nutrition and disease.