

Adrian Tsang CV

Dr. Adrian Tsang is a Professor of the Department of Biology, at the Concordia University, Montréal, Canada.

He graduated at the University of Alberta in 1973 and obtained his PhD degree in 1978 at the York University in Biochemistry. After that, he had spent 3 years in the UK as a postdoctoral fellow. In the following years, he returned to Canada and he had worked at the York University / Toronto, the McGill University / Montréal and since 1991 until now, the Concordia University / Montréal. Meanwhile, he was a Visiting Scientist first in Shrewsbury, Massachusetts in 1986 and in Delft, Netherlands in 1998. He has been the Director of the Centre for Structural and Functional Genomics at Concordia University since 1998, and he became a full professor in 2002.

His research includes: sequence, assemble and annotate genomes of filamentous fungi; functional analysis of previously uncharacterized proteins; identification and production of enzymes with biomass conversion or antimicrobial activities; analysis of gut microbiomes of livestock animals to improve gut health; and development of fungal platforms for the biomanufacturing of extracellular enzymes and metabolites, with potential application in human and animal health.

He has published numerous scientific papers, with a total of almost 10,000 citations. His Hirsch index is 41. He has been the project leader or major participant of several large budget grants.

He manages a fruitful collaboration with the Department of Biochemical Engineering, University of Debrecen (Levente Karaffa & Erzsébet Fekete) since 2015, in the field of Organic acid and enzyme fermentations by *Aspergillus niger*. He participated the conferences of the Hungarian Society for Microbiology in 2015, 2017 and 2019, also being Member of the Scientific Advisory Board of the meetings.