

CSI 2026 Investigator Award Congratulations / Félicitations



Dr. Javier Di Noia, *Professor, Institut de Recherches Cliniques de Montréal (IRCM) and Department of Medicine, University of Montreal. Adjunct professor at Department of Microbiology and Immunology, McGill University*

Dr. Di Noia earned his biology degree and Ph.D. from the University of Buenos Aires in Argentina under the supervision of Dr. A.C. Frasch, characterizing the diversity and antigenic properties of a major family of surface molecules of the protozoan parasite *Trypanosoma cruzi*. He then pursued postdoctoral training in molecular immunology at the MRC Laboratory of Molecular Biology in Cambridge (UK), focusing on mechanisms of antibody gene diversification by DNA deamination and uracil excision, mentored by Dr. Michael Neuberger.

Dr. Di Noia joined the IRCM as a principal investigator in 2006, with affiliated appointments at Université de Montréal and McGill University. Dr. Di Noia has held a Canada Research Chair in genetic diversity (2008-2018) and FRQ-S merit award (2019-2023). His research is currently funded by CIHR and the Cancer Research Society. His laboratory investigates molecular mechanisms in B-cell biology, focusing on the function and oncogenic effects of Activation Induced Deaminase, the enzyme underpinning antibody class change and affinity maturation through mutation of DNA cytosines to uracils. The team also studies factors governing B-cell survival, proliferation, and differentiation in the germinal center. A separate research line explores a deaminase that indirectly generates uracil in DNA, with implications for cancer therapy.