



Dr Carmant is Professor of Pediatrics at University of Montreal. He graduated in 1986 from University of Sherbrooke Medical School, completed his training in Pediatric Neurology at McGill University and performed a fellowship in the epilepsies at Children's Hospital in Boston. Since, he has returned to Montreal to develop in collaboration with his colleagues at University of Montreal an epilepsy program devoted to the care of the patient through the lifespan. His research is both experimental and clinical work focuses on seizure-induced brain damage and developing preventative therapies to limit the deleterious consequences of seizures on the developing brain. He has developed a model of dual pathology and is working on a humanized mouse model of Rasmussen's encephalopathy. He has published close to 100 papers. Over the past, 5 years he has also worked on improving epilepsy care globally and through his work in the North American Commission has been a key partner in the development of projects in Haiti, Dominican Republic and with the Commission for African Affairs.