

Biography



Dr. Nada Jabado

Dr. Nada Jabado is a Professor of Pediatrics and staff physician at McGill University. She completed her residency in pediatrics with a specialization in hemato-oncology. She also obtained a PhD in Immunology in Paris, France, followed by a postdoctoral fellowship in biochemistry at McGill. She began her career as an independent investigator at McGill in 2003, pioneering a research program in pediatric brain tumors which is now unparalleled. Her group uncovered that pediatric high-grade astrocytomas (HGA) are molecularly and genetically distinct from adult tumors. More importantly, they identified a new molecular mechanism driving pediatric HGA, namely recurrent somatic driver mutations in the tail of histone 3 variants (H3.3 and H3.1).

Dr. Jabado's ground-breaking work has created a paradigm shift in cancer with the identification of histone mutations in human disease which has revolutionized this field, as the epigenome was a previously unsuspected hallmark of oncogenesis, thus linking development and what we now know are epigenetic-driven cancers. This work and other publications are considered landmark papers (over 3000 citations since 2012). Dr. Nada Jabado has over 150 peer-reviewed publications to her credit, with an impressive number of senior-author, high-impact publications in such prominent journals as Nature Genetics, Nature, Science and Cancer Cell, to name a few. She is an international leader in the field of neurooncology/cancer, honored by invitations as a keynote speaker at top ranked symposia and universities. Dr. Jabado has received numerous national and international

honors while garnering prestigious salary support awards throughout her career. She is one of the best-funded investigators in Canada, with grants from CIHR, Genome Canada, NIH as well as philanthropic organizations. She was recently inducted as a Fellow to the Royal Society of Canada, a member of the CIHR Governing Council and a member of the Canadian Academy of Health Sciences.