The Children's Hospital Research Institute of Manitoba

Loydie Jerome-Majewska
PhD

CHRIM RESEARCH ROUNDS

Mouse Models of Sf3b4-Related Syndromes Reveals a Clue to Tissue-Selectivity

Thursday, April 4, 2024

JBRC Room 500 • 12:00 - 1:00 PM

Informal trainee session & trainee lunch to follow

ABOUT THE SPEAKER

Dr. Loydie Jerome-Majewska is a Professor in the Department of Pediatrics, and associated member of the Departments of Human Genetics and Anatomy and Cell biology at McGill University; and a Fellow of the American Association for Anatomy.

She completed her PhD work with honors in the laboratory of Dr. Papaioannou at Columbia University, NYC, USA and a post-doctoral fellowship with Dr. E. Lacy, at Sloan Kettering Cancer Centre. Dr. Jerome-Majewska's group uses the mouse model to study the genetic and cellular basis of morphogenesis during the embryonic period. Goals of her research program are to identify genes responsible for congenital malformations that increase morbidity and mortality in newborns. Her work using Next Generation sequencing and gene engineering has helped to explain the etiology and pathophysiology of several syndromes including: 22q11.2 deletion syndrome, CEDNIK syndrome and the spliceosomopathies: CCMS, MFDM and Nager syndrome.