

## Biography of Dr. Juliet Daniel

---



Dr. Juliet M. Daniel is a Cancer Biologist and Professor in the Department of Biology at McMaster University in Hamilton, Ontario. Dr. Daniel received her B.Sc. in Life Sciences from Queen's University (Kingston, ON) and her Ph.D. in Microbiology from the University of British Columbia (Vancouver).

Dr. Daniel spent six years as a Postdoctoral Research Fellow in Memphis and Nashville, Tennessee before establishing her own research laboratory at McMaster University in 1999. Dr. Daniel's research in the cancer biology field led to her discovery and naming of a new gene "Kaiso", coined from the popular Caribbean music "calypso". With this discovery, Dr. Daniel introduced 'calypso' into science. Kaiso regulates the expression of genes that control cell proliferation and adhesion and thus Kaiso's malfunction in human tumors (e.g. breast, colon) may contribute to tumor progression.

Throughout her career, Dr. Daniel has published in several top scientific journals (e.g. *Nature Cell Biology*, *Journal of Cell Biology*), and her research has been funded by national (CIHR, NSERC, CBCF), and international agencies (US CDMRP Breast Cancer IDEA Award Program). Dr. Daniel has also been the recipient of several awards including the Ontario Premier's Research Excellence Award, the Hamilton Black History Month John C. Holland Professional Achievement Award, the African Canadian Achievement Award of Excellence in Science, the Barbados Ball Award, the Barbados National Honor Gold Crown of Merit, and a YWCA-Hamilton Woman of Distinction Award. She has also been featured in "Millennium Minds: 100 Black Canadians", "Who's Who in Black Canada" and "Some Barbadian Canadians: A Biographical Dictionary".

Over the years, Dr. Daniel has volunteered for a number of non-profit and charitable organizations in the Afro-Caribbean Canadian community (e.g. The Canadian Multicultural LEAD Organization, The African Caribbean Canadian Potpourri Inc. (ACCPI), National Let's Talk Science Program, and "Education is the Key" High School Conference, organized by the U. of Toronto Black Student's Association). Dr. Daniel is a committed mentor and role model for her graduate students and undergraduates in the African Caribbean Association at McMaster as well as for youth in the Afro-Caribbean Canadian community of Hamilton.