



# A CANADIAN LEADER

IN THE UNDERSTANDING OF CELL PROLIFERATION,  
STRESS AND AGING

## DR. DENISE CLARK

TENURED PROFESSOR, UNIVERSITY OF NEW BRUNSWICK,  
FACULTY OF SCIENCE – DEPARTMENT OF BIOLOGY



- B.Sc. / Ph.D. in Genetics (UBC and Simon Fraser University / 1990);
- Post Doctorate – Genetics (Fred Hutchinson Cancer Research Centre);
- Long-term research goal: To determine how metabolic pathways connect with cell proliferation and physiological stress processes. Using the fruit fly (*drosophila*) as a model, focussing on purine metabolism, which is important for cell proliferation and stress responses;
- Conduct genetic analysis, use transgenic technology, and molecular biology to study cis-regulatory DNA sequences and trans-regulatory gene products important for regulation of purine gene expression;
- Recipient of the 1990 Governor General's Gold Medal for academic achievement and the 2007 Harrison McCain Foundation Visitorship Award
- Reviewed over 30 journal articles and supervised over 30 graduate examinations;
- Received over \$1.5M in grants and awards for her research;
- Trained and mentored over 50 graduate and undergraduate students and 2 staff;
- Contributed to 73 national and international articles and conference presentations, 22 peer-reviewed journal articles and 3 book chapters (as first author).

BECAUSE BETTER HEALTH RESEARCH MEANS BETTER HEALTH CARE

