

Edie Dullaghan

Head, Target Validation at Centre for Drug Research and Development

Vancouver, BC, CA

Striving for excellence through mentoring people and by fostering creative/critical thinking,

Biography

I obtained my PhD studying the cause of TB. I emigrated to Canada and did a post-doctoral position at UBC again studying TB. After my post-doctoral position I served as a Project Leader for Inimex Pharmaceuticals Inc on a project funded by the Bill Gates Foundation. I have a strong track record in developing robust animal models of human infections. As Division Head of Target Validation at the Centre for Drug Research and Development (CDRD) my responsibilities include the development of cutting edge assays to facilitate the identification of biomarkers of interest to develop as companion diagnostics for clinical trial drug candidates. My team has now facilitated several such assays that are enabling biotechnology companies in Canada to develop new drugs in several indications. In addition I execute project plans for Centre for Drug Research and Development (CDRD) projects. Oversee scientific activities for projects and ensure appropriate resourcing for key POC experiments to be conducted.

Industry Expertise

Research

Areas of Expertise

Drug Development, Infectious Disease Biology, Molecular Genetics of Gene Expression, Immunohistochemistry, Antibiotic development, Tuberculosis infections, Staphylococcus aureus infections, Cell Culture, Protein Chemistry, Drug Discovery, Molecular Biology, MRSA infections, Life Sciences - Biotech and Pharmaceuticals

Education

University of Hertfordshire

Bachelor of Science with honors Applied Biology

National Institute for Medical Research

PhD Microbiology

Accomplishments

? B.C. Childhood Lung Disorders Association Fellowship 2000-2002.

Two year funding to enable further understanding of the role of macrophages in tuberculosis infection.

? MRC (U.K.) Ph.D. Fellowship 1996-1999.

Ph.D. Funding at the National Institute for Medical Research in London, England

? MRC (U.K.) Sandwich Student Award. 1993-1994.

An 8 month award to study the role of the immune system in Plasmodium falciparum (malaria) infection in humans.

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