Canadian Bacterial Diseases Network

Universities

Université Laval University of Alberta Univ. of British Columbia University of Calgary University of Guelph University of Victoria VIDO, Saskatoon Fed. Govt. Dept. & Other

LCDC, Health & Welfare N.R.C. - Division of Biological Sciences **Industrial Partners**

ASTRA Pharma AGTI Beckman Instruments Biophotonics Inc. Biosignal Inc. Biostar Microtek R & D Ltd. Synthetic Peptides Inc. Syndel Laboratories StressGen

This network is investigating the genes that directly cause or predispose us to discover how mutation to determine the biological function of each of the relevant genes, and to discover how mutation in each gene causes disease. From the new knowledge, it may be possible to detect carders of most of the common genetic diseases and, for some to devise a treatment or cure. This research coulhead to commercial opportunities for Canada in the area of DNA disposities and therapeutics. The results could be fewer allected persons and reduced health care costs. Specific diseases focused on include cystic fibroris, muscular dynrophy, Huntington's disease, cancer and heart disease.

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