

Clinical, Social and Economic Impact Program

Towards Rational Design of Policies and Practices to Enable Clinical Translation of Novel Cancer Biotherapeutics in Canada

January 1, 2016 to March 31, 2020 **Highlights** Addresses significant \$346,386 economic, legal and health system challenges that face the translation \$346,386 Competitive Sakeholders of cancer biotherapeutics from BioCanRx Intelligence into the clinic for Canada on Positions BioCanRx-Global Cancer developed Biotherapeutics biotherapeutics for R&D uptake into the health care system Integrates understanding ective. of regulatory and Collaborative reimbursement Models to New challenges Support Cancer Reimbursement • Provides patient Biotherapeutics Paradigms for information on reputable R&D **Curative Cancer** clinical trials of cancer Biotherapeutics biotherapeutics in North America Models for Clinical Implementation Alberta Health Services Cross Cancer Institute National Institutes of Health Horizon and Scanning Research & Intelligence Centre **About the project** The Center of Excellence for Cellular Therapy (CETC) BioCanRx aims to accelerate the development of cost-effective and curative cancer biotherapeutics for the benefit of Canadian patients and the Canadian economy. However, its exciting R&D program faces significant non-scientific challenges that must be addressed. The proposed program of work focuses on four interrelated challenges: Dr. Tania (1) Canada's ability to compete within a global clinical R&D environment; (2) the development of collaborative R&D models to develop effective cancer biotherapeutics; (3) the development of models for clinical implementation; and (4) the development of new reimbursement paradigms to advance health system adoption of curative therapies. The team will use and develop legal, policy, and economic analyses to examine these issues.

In supporting forward-looking social science research, BioCanRx is positioned to lead in the formulation of policy, regulations and systems innovations required to bring novel biotherapies to

cancer patients in the clinic.

