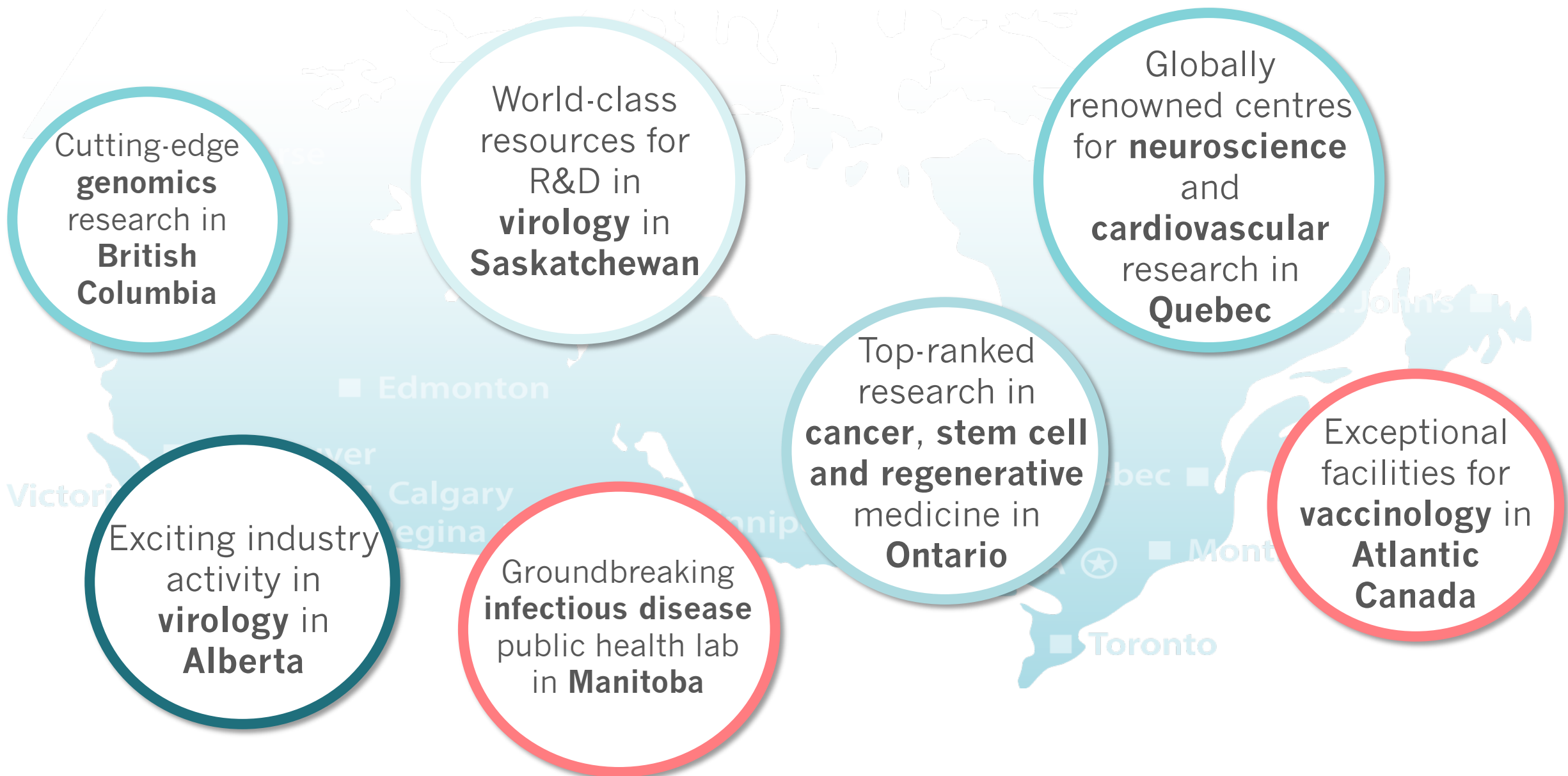




# **Initiatives for enhancing the Canadian Clinical Research Environment**

We are in a global leadership position in areas that include basic and translational research:



Cutting-edge **genomics** research in **British Columbia**

World-class resources for R&D in **virology** in **Saskatchewan**

Globally renowned centres for **neuroscience** and **cardiovascular** research in **Quebec**

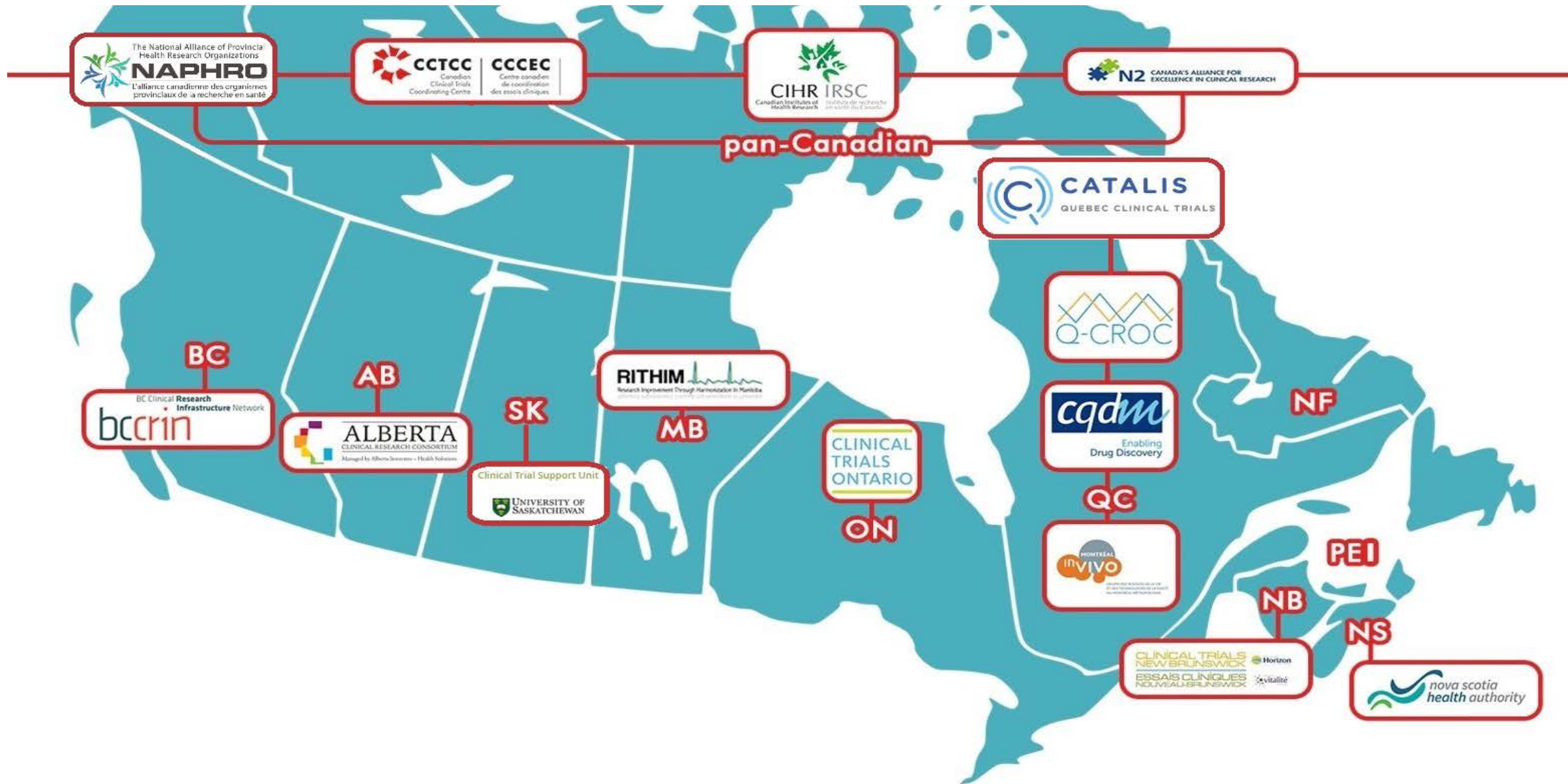
Top-ranked research in **cancer, stem cell and regenerative** medicine in **Ontario**

Exceptional facilities for **vaccinology** in **Atlantic Canada**

Exciting industry activity in **virology** in **Alberta**

Groundbreaking **infectious disease** public health lab in **Manitoba**

# Canadian Initiatives to Boost Clinical Research





**CCTCC**  
Canadian  
Clinical Trials  
Coordinating Centre

**CCCEC**  
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**STRENGTHENING CLINICAL TRIALS FOR CANADIANS**  
**RENFORCEMENT DES ESSAIS CLINIQUES POUR LES CANADIENS**

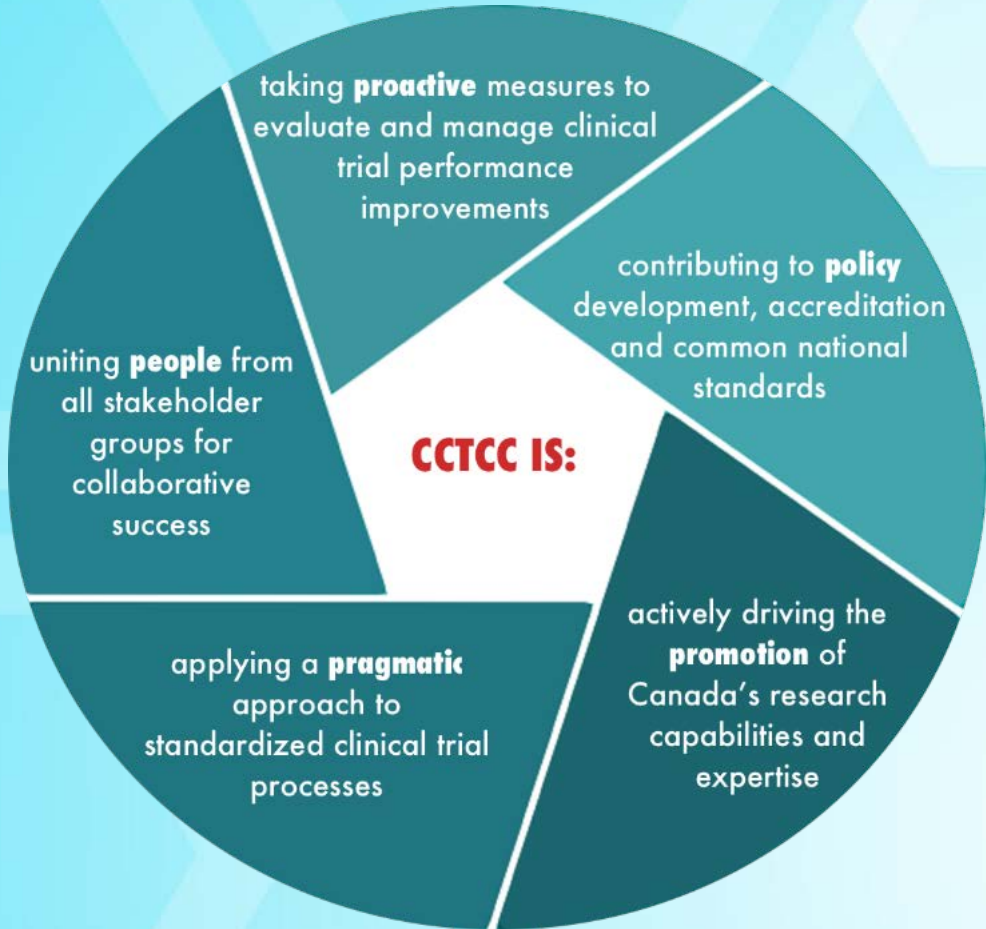
# **CANADIAN CLINICAL TRIALS COORDINATING CENTRE (CCTCC)**

**Kathryn Nijssen**  
**Initiatives Manager**

[www.cctcc.ca](http://www.cctcc.ca)   [knijssen@cctcc.ca](mailto:knijssen@cctcc.ca)

**CCTCC**





**CCTCC is a demonstration of the unique commitment between**

**industry, government**

**and healthcare institutions**

**to improve the operational environment for clinical trials in Canada.**



**The CCTCC's key objectives are to improve the operational environment for clinical trials in Canada and promote the country as a destination of choice for clinical trials.**



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Facilitating  
collaboration  
across  
Canada

Speeding-up  
clinical trials  
start-up  
times

Promoting  
Canada as a  
leading  
destination for  
clinical  
trials

Funding  
provided

Environmental  
pulse check

**Canadian Clinical Trials Asset Map (CCTAM)**

Launched JUN 2015

**Patient Registries**

Ongoing

**Fair Market Value Project**

Work started in 2016

**model Clinical Trial Agreement (mCTA)**

Version 8 Released June 2017

**Canadian Clinical  
Research Participation Survey**

Results due 2018

**National Advisory Group**

Est. SEPT 2014

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1st meeting NOV 2015

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### Canadian Clinical Research Participation Survey

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# NATIONAL ADVISORY GROUP

- pan-Canadian expert group providing input & advice on CCTCC's activities

# PROVINCIAL CT ORGANIZATIONS' MEETINGS

- Foster collaboration
- Engage for projects
- Identify emerging issues
- Prevent duplication of effort

**COLLABORATION**

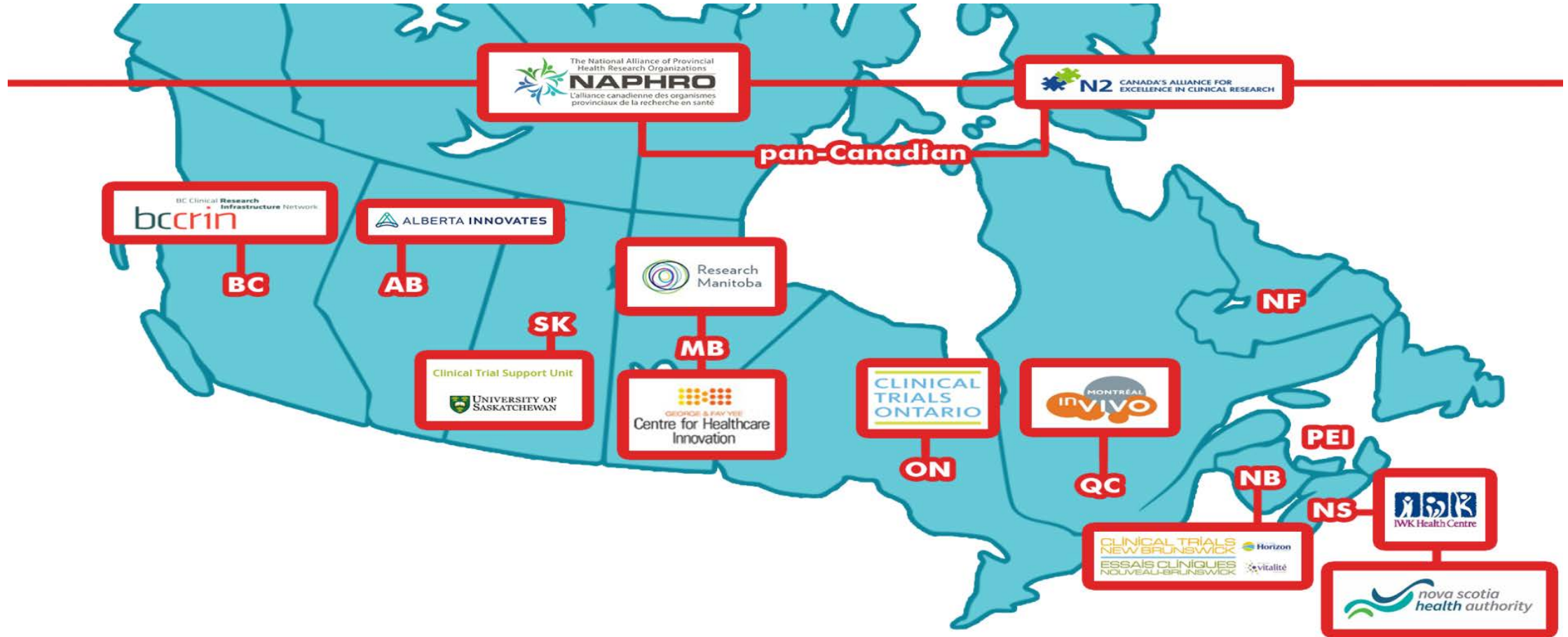


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# Provincial CT Organizations Meetings



**COLLABORATION**



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Facilitating collaboration across Canada

Speeding-up clinical trials start-up times

Promoting Canada as a leading destination for clinical trials

Funding provided

Environmental pulse check



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# WHAT IS THE CCTAM?

- Web-based, ‘living, easily searchable, interactive database of Canadian clinical research capabilities:
  - investigators, clinical research sites, hospitals, institutions, research ethics boards, CROs, SMOs , etc.
- First pan-Canadian, pan-therapeutic, up-to-date, research inventory with an integrated map-based search function
- Currently over 1100 assets (40% asset growth since launch in June 2015)
- Access the CCTAM by visiting [www.cctam.ca](http://www.cctam.ca)

[www.cctam.ca](http://www.cctam.ca) | [cctam@cctcc.ca](mailto:cctam@cctcc.ca)



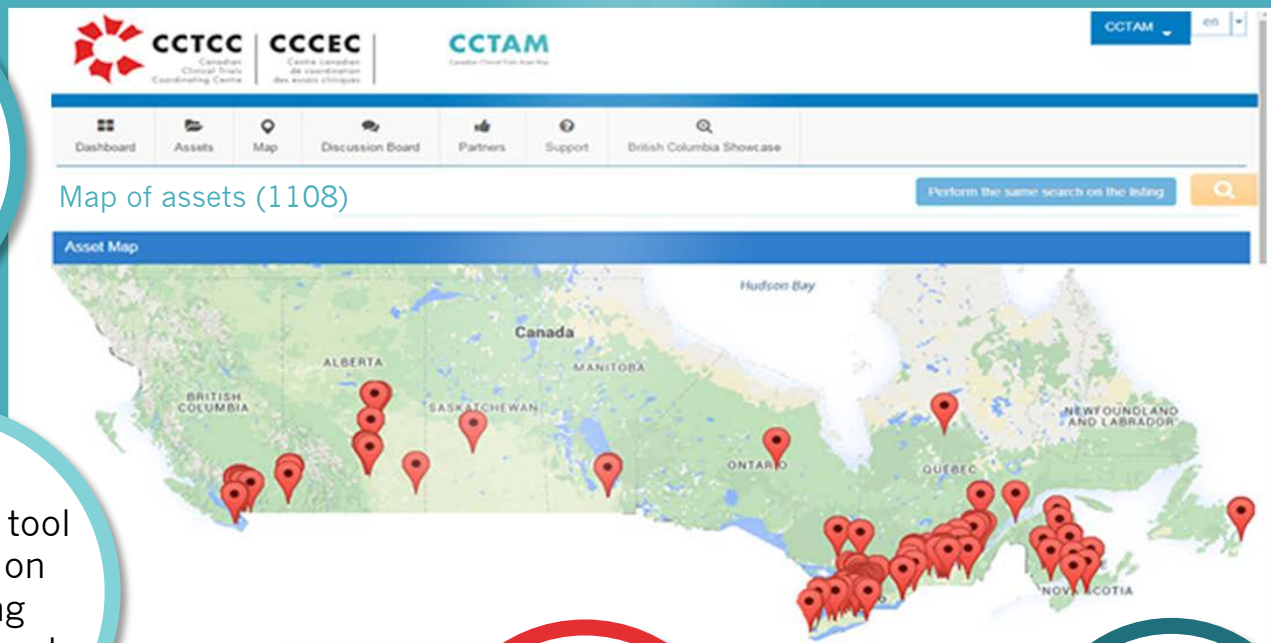
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**Speed-up CT  
Start-up times**

# Canadian Clinical Trials Asset Map (CCTAM)

Showcase  
Canadian  
clinical  
research  
assets



Reduce  
clinical  
trial  
start-up  
times

An essential tool  
for anyone on  
conducting  
clinical research  
in Canada

Unique  
in the  
world

Place  
clinical trials  
effectively and  
efficiently

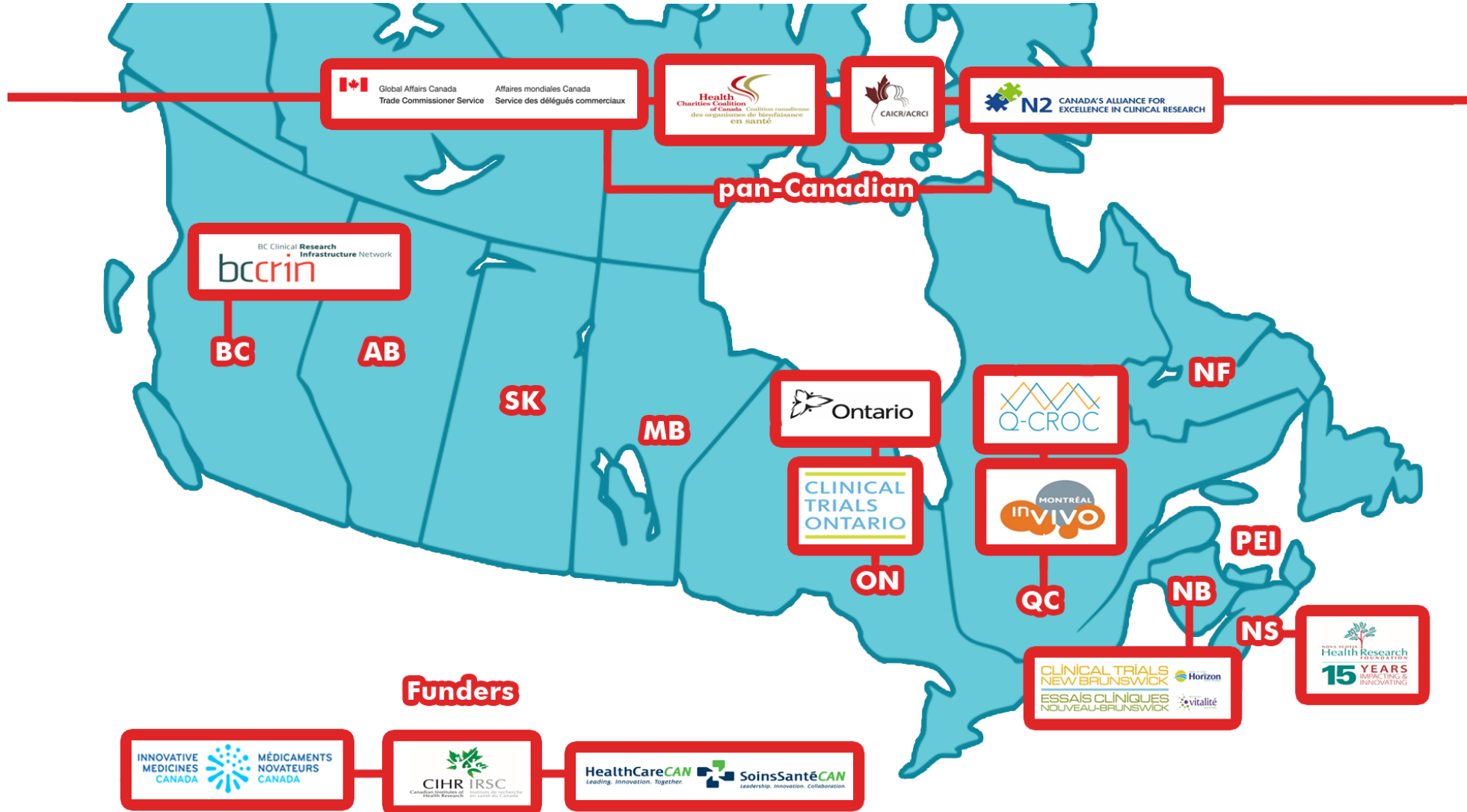
Expedite  
study  
feasibility  
process

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**CCTAM**

CCTAM webinars available upon request.





# PATIENT REGISTRIES

- Populating in the CCTAM to facilitate CT feasibility studies & patient recruitment
- Key criteria used in selecting registries:
  - ✓ Active registry
  - ✓ 10 registrants min.
  - ✓ Point of contact
  - ✓ Diagnosis identified by an approved care team
  - ✓ Data accessible to external parties for purposes of CT recruitment
- **Actively working to contact and populate in the CCTAM**



# MODEL CLINICAL TRIAL AGREEMENT (mCTA)

- Canada-wide initiative to:
  - ✓ standardize CT agreements by developing language for all clauses
  - ✓ bring efficiencies to clinical research process
- Collaboration with CLEAR (TransCelerate-supported) project to incorporate CLEAR language within the mCTA
- mCTA's Team Canada consists of site/institution & sponsor representatives

mCTA



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# mCTA – CURRENT STATUS

- **Adoption and Implementation stage** after comprehensive stakeholder consultations in 2015 & 2016
- Reviewed by an independent legal counsel<sup>1</sup> for consistency of terminology use & definitions, & clarifying ambiguous wording
- **mCTA Version 8, consultation report & communication deck are available for use**
- Working with sponsors and sites to establish a review committee that will ensure the continued relevance of the contract

**mCTA- STATUS**



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# FAIR MARKET VALUE (FMV) PROJECT

- Direct result of the model CT Agreement (mCTA) project
- ✓ **Goals:**
  - Reduction of clinical trial (CT) budget negotiation times
  - Reduction of CT study start-up timelines
  - Introduction of CT efficiencies and streamlining of budget negotiations
- ✓ **Reasons to tackle FMV:**
  - Address increasing CT start-up times
  - Ensure Canada's CT competitiveness globally



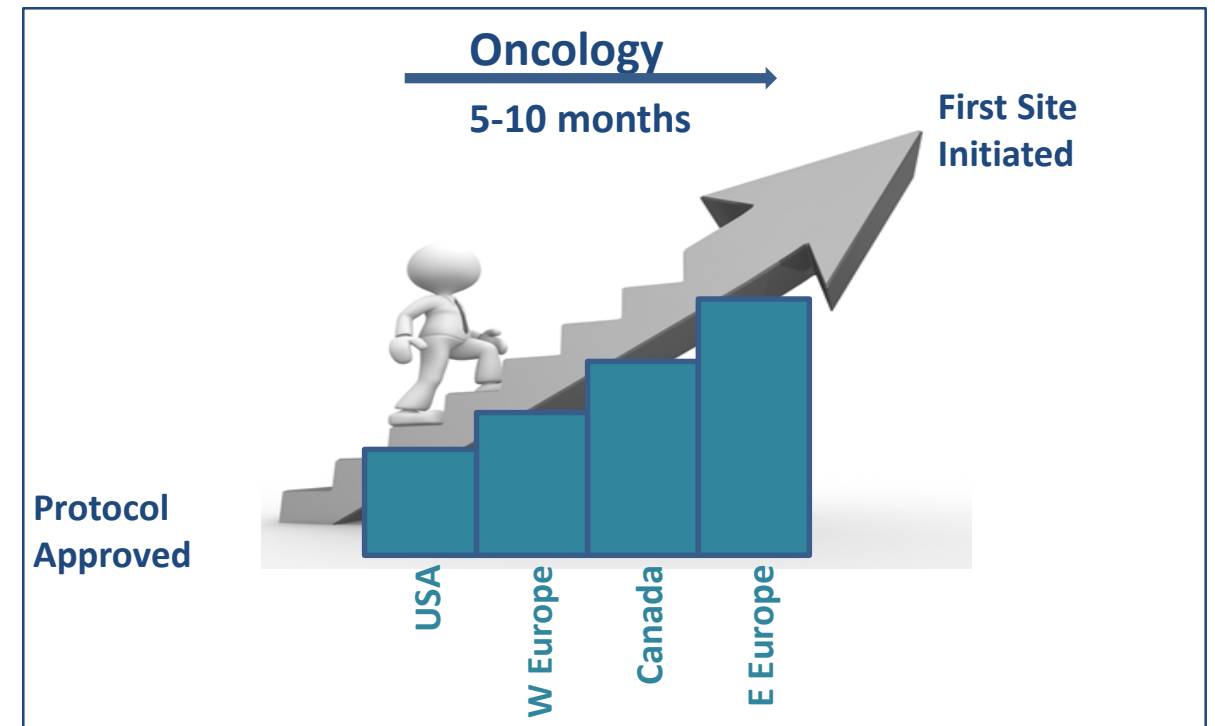
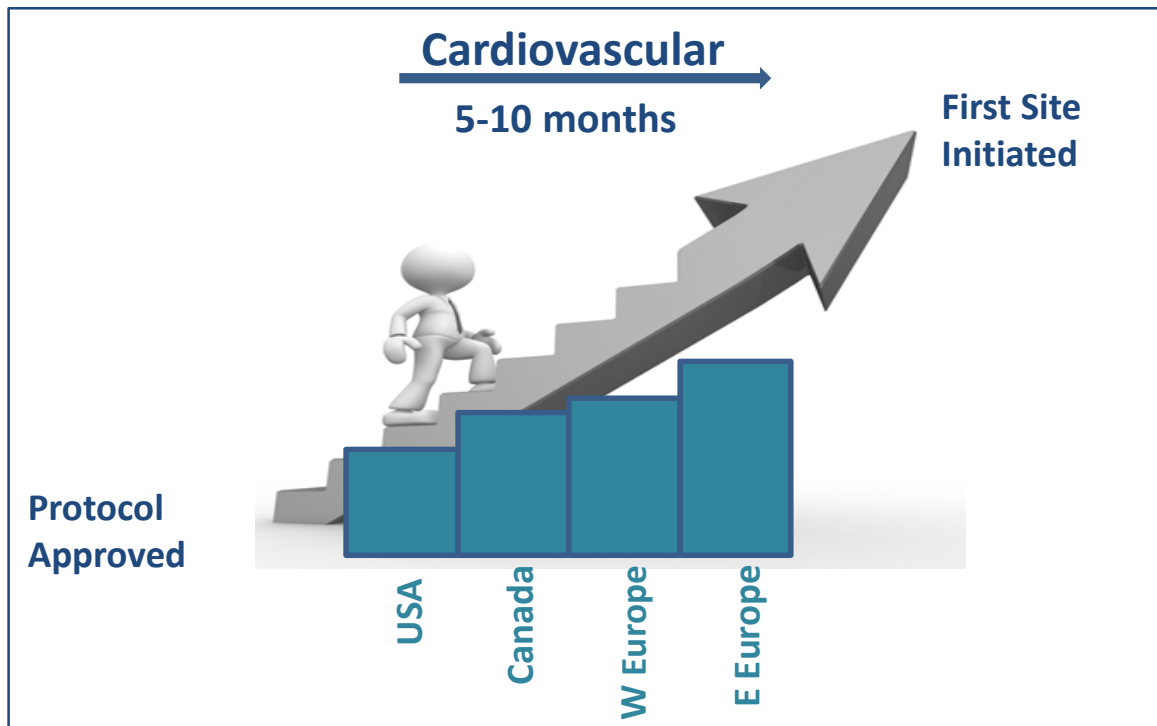
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**FMV**

# FMV BACKGROUND – STUDY START-UP

- Canada start-up is competitive compared to Europe for CV but not for Oncology trials
- Challenges with start-up in Canadian institutions (IRB, contracts, budgets)



**FMV BACKGROUND**

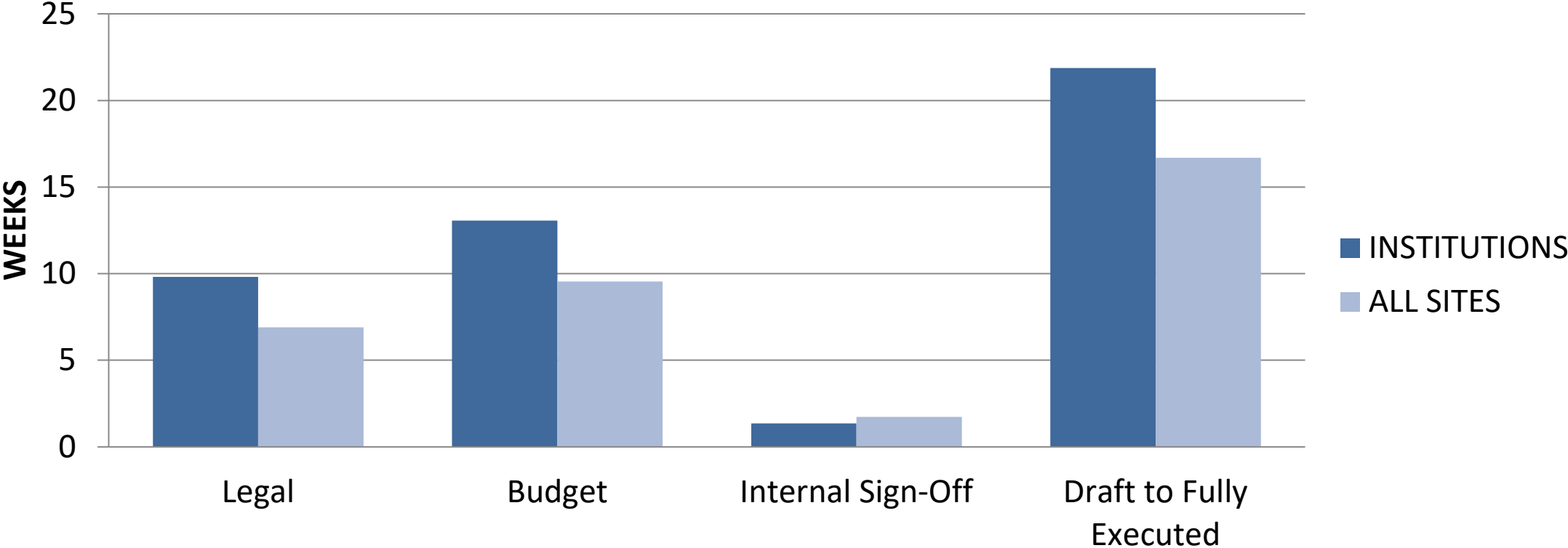


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# CONTRACT TIMELINES

Average Time for Contract Execution  
2015-2016



## CONTRACT TIMELINES



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# “Clinical Trials – the Canadian Advantage”

## Investment Case

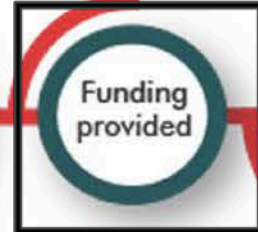
- Consistent narrative communicating Canada's clinical trials advantages globally focused on:
  - ✓ Speed
  - ✓ Quality
  - ✓ Incentives
- Intended for presentations to global offices of CT sponsors
- Customizable based on audience’s needs
- Next steps:
  - ✓ Possible additional modules
  - ✓ Keep content updated
- Access [here](#)



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**PROMOTE  
CANADA**



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# Clinical Research Participation Survey

## *Engage. Listen. Act.*



Hosted at [www.bccrin.ca/survey](http://www.bccrin.ca/survey)

- First pan-Canadian survey enabling patients & healthy volunteers to provide input & advice on their CT experience
- Anonymous, online experience survey by Clinical Trials BC (formerly BCCRIN). Part of the BC Academic Health Science Network
- Pan-Canadian Expansion supported by the CCTCC
- Adults, or parents of a child, who have been invited to participate in a clinical trial and either enrolled, declined or did not meet the screening requirements are eligible
- Part of a broader strategy to engage Canadians in the clinical research process
- Data will be used to improve recruitment and retention outcomes for clinical research sites, investigators and sponsors by developing strategies designed to address provincial and national research participant perspectives and concerns

# Clinical Research Participation Survey

## Update October 2017



- Enrollment target of > 1000 reached April 2017
- Analysis by CHEOS commenced September 2017
- Results expected November 2017
- Planned publication
- Knowledge translation planning has commenced
- **Questions:** Alison Orth at Clinical Trials BC - [aorth@bcahsn.ca](mailto:aorth@bcahsn.ca)



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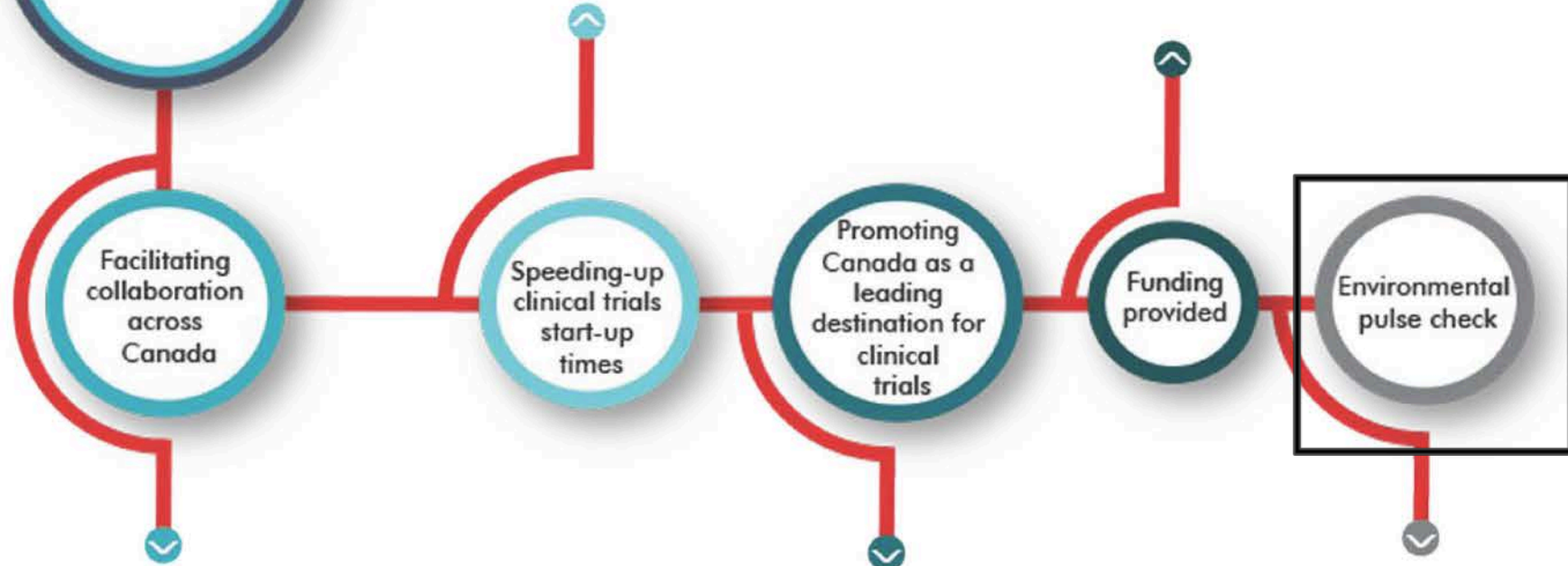
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# RESEARCH ETHICS BOARD REPORT

- The impact of the Canadian experience of REB centralization & harmonization
- Recommendations for the future to ensure Canada's competitiveness on a global scale
- CCTCC & Health Canada prepared a joint response to the WG's report
- More information is available [here](#)

**PULSE CHECK**



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# CLINICAL TRIALS METRICS

- Quantitative metrics, e.g.:
  - ✓ # of newly randomized subjects, opened sites, trials, trials by phase in Canada & globally (phases I,II,III, IV, other)
- Operational metrics, e.g.:
  - ✓ average time/days to REB approval, contract & budget
- Quality metrics, e.g.:
  - ✓ patient recruitment, validity, retention, & protocol & dosing deviations (international comparison)
- Investment metrics, e.g.:
  - ✓ total CT Investment in Canada (by province) vs. other countries (including CROs)

**CT METRICS**



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# CONTACT US

WEB: [www.cctcc.ca](http://www.cctcc.ca)

EMAIL: [knijssen@cctcc.ca](mailto:knijssen@cctcc.ca)

Phone: 613-875-3457



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**THANK YOU**