



Canadian  
Partnership for  
**Tomorrow**  
Project



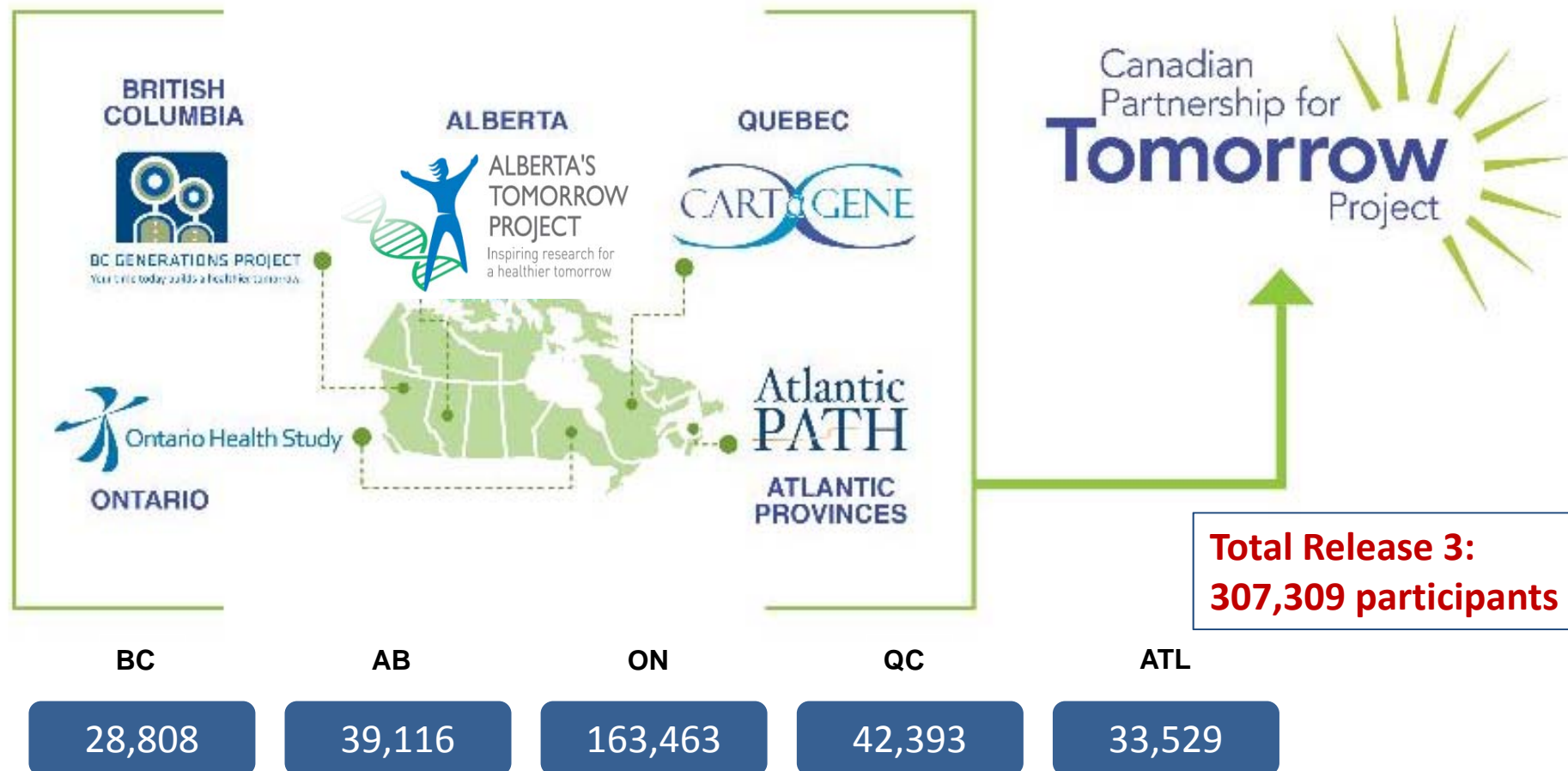
**New Data Release by the Canadian Partnership for Tomorrow Project:  
Medication Use, Physical Measures, Mental Health, Genotype Data &  
Information on Biological Samples**

Dr. Isabel Fortier, Chair of CPTP's Harmonization Standing Committee &  
Principal Investigator of Maelstrom Research  
Nataliya Dragieva, CPTP's National Data Curator

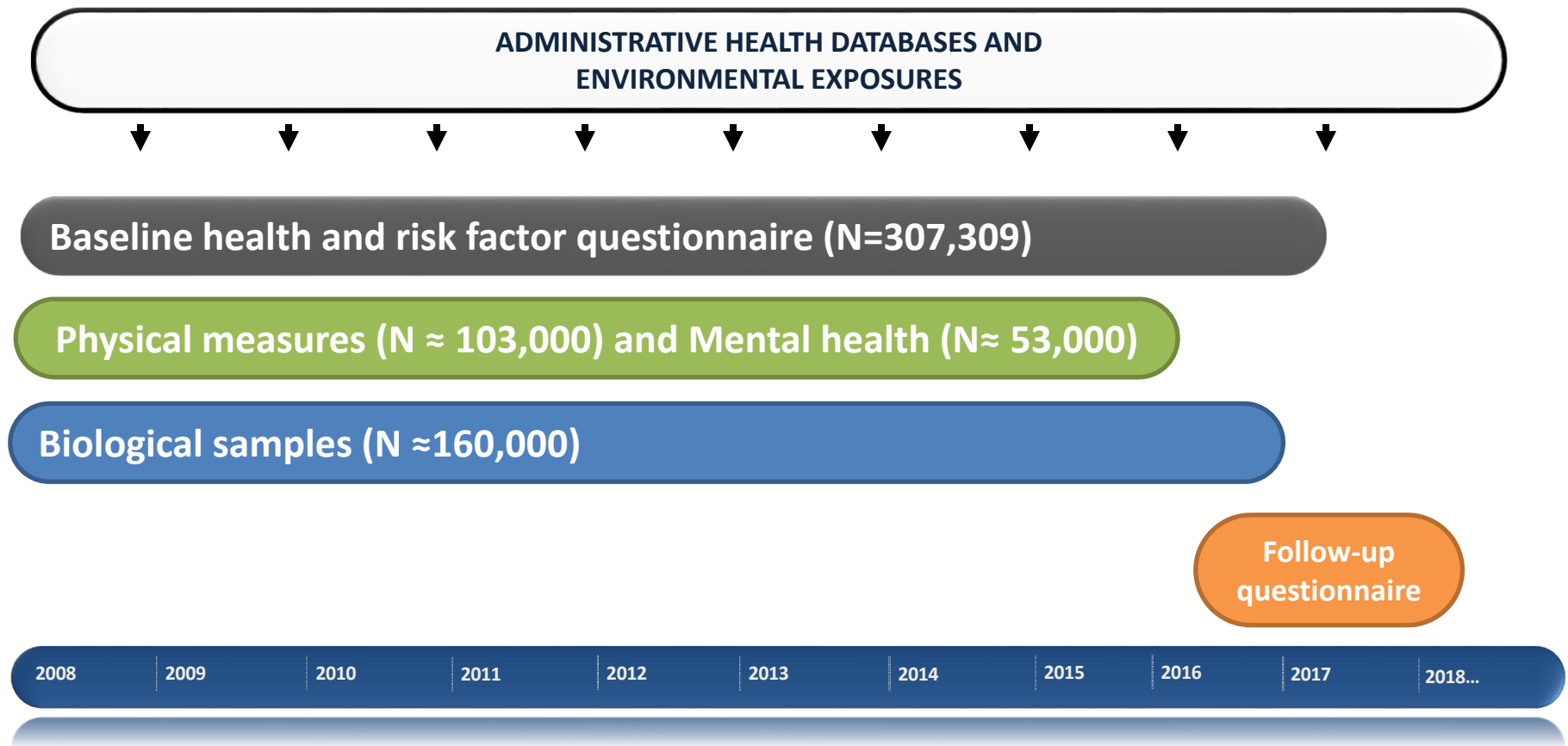
# Webinar plan

- Introduction
- Harmonization process
- Available data and samples
  - Initial data and samples releases
  - New releases!
- How to find information about available data
- Access procedures
- Questions and discussion

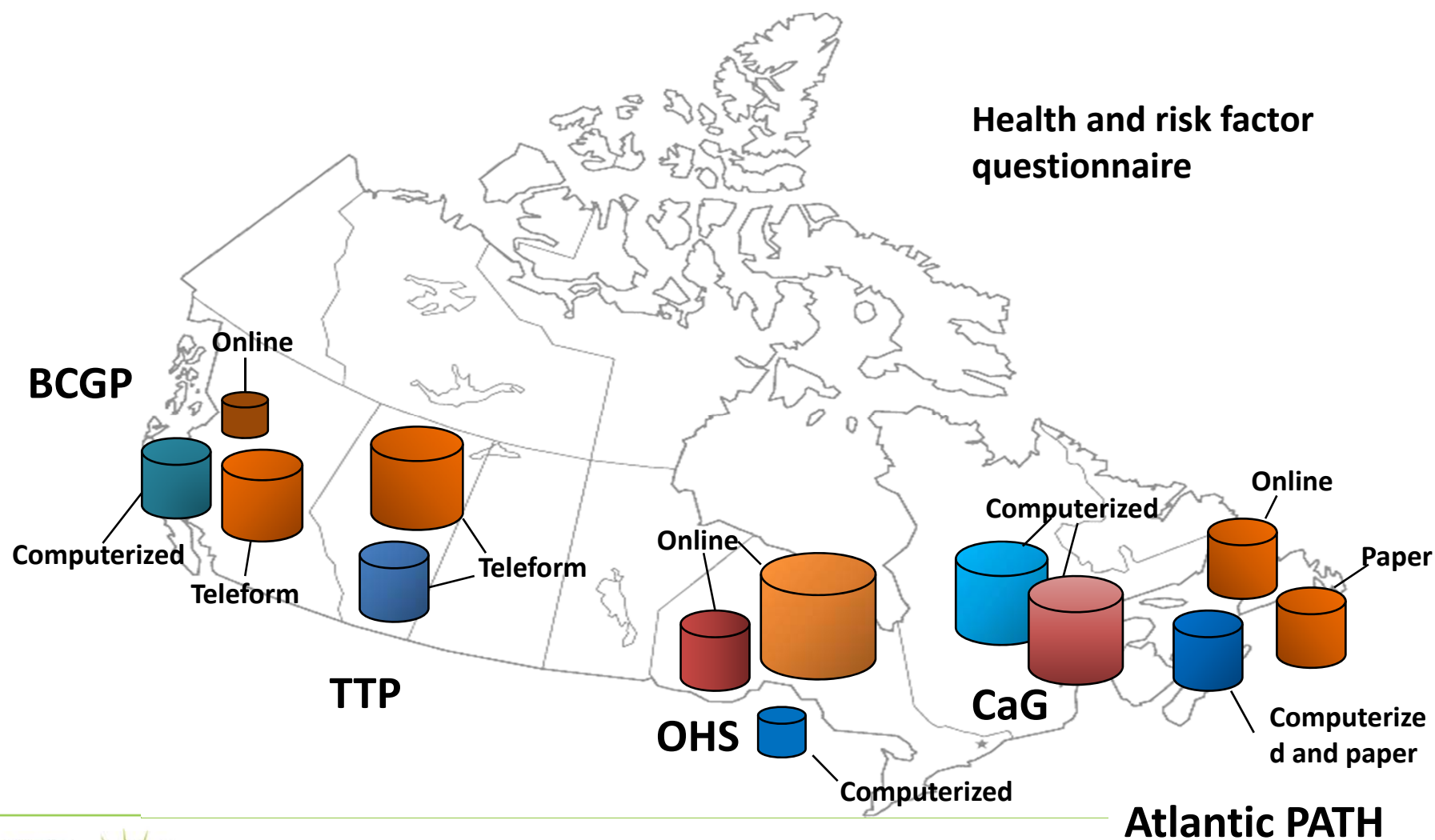
# Canada's largest population-based cohort



# Data and samples - timeline



# An ensemble of *harmonized* data





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**Harmonization process**



## Slide 6

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**LP4**

consider deleting

Luca Pisterzi, 27/09/2017

# Maelstrom guidelines

- 0 **Define the research question(s)**
- 1 **Assemble information and select studies**
  1. Document individual study designs, methods and content
  2. Select participating studies
- 2 **Define variables and evaluate harmonization potential**
  1. Select and define the core variables to be harmonized
  2. Determine the potential to create the core variables using the study-specific data items
- 3 **Process data**
  1. Ensure access to adequate study-specific data items and establish the overall data processing infrastructure
  2. Process study-specific data under a common format to generate the harmonized datasets
- 4 **Estimate quality of the harmonization dataset(s) generated**
- 5 **Disseminate and preserve final harmonization products**



# Harmonization process

	Regional Cohorts	Maelstrom Research
--	------------------	--------------------

- |  |   |   |
|--|---|---|
| • Study-specific data collection, cleaning & documentation | ✓ |   |
| • Quality control of the study-specific data               | ✓ | ✓ |
| • Harmonization/processing                                 |   | ✓ |
| • Quality control of the harmonized data                   | ✓ | ✓ |
| • Documentation and dissemination                          |   | ✓ |
| • Preservation/maintenance                                 | ✓ | ✓ |

**Collaborative work!**  
**> 20 people involved**



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**Available data and  
biosamples**



# Available data & biosamples

## 2017

- Health and Risk Factor Questionnaire:
  - ☐ **Core questionnaire (updated release)**
  - ☐ Medication dataset
  - ☐ Additional personal and familial history of diseases and other conditions
- Physical measures dataset
- Mental health measures dataset
- Interpretative variables dataset (first release)
  
- Biological samples (blood, urine, saliva)
  - ☐ Pre-analytical information dataset
  - ☐ Genotype data

## 2018/2019

- Follow-up questionnaire data
- Biochemical measures
- Environmental exposure data (CANUE)
- Datasets updates

# Initial core health and risk factors questionnaire dataset

## Description

- Health and risk factors questionnaire addressed to participants (collected at baseline)
- Job history available
- Acronym – CoreQx

## Content

- 709 core variables; 12 study-specific datasets
- 307,309 participants

# Harmonization

Click on each status icon to get more details on the corresponding harmonization results :

Download

- Undetermined** - the harmonization potential of this variable has not yet been evaluated.
- Complete** - study-specific variable is the same as DataSchema variable (status = identical) or needs transformation to generate DataSchema variable (status = compatible).
- Incomplete** - study does not collect DataSchema variable (status = unavailable) or cannot be used to generate DataSchema variable (status = incompatible).

Showing 1 to 25 of 709 entries

Variable	Atlantic PATH 1	Atlantic PATH 2	ATP 1	ATP 2	BCGP 1	BCGP 2	BCGP 3	CaG 1	CaG 2	OHS 1	OHS 2	OHS 3
A_ADM_STUDY_ID	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_ADM_STUDY_DATASET	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_ADM_QX_VERSION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_ADM_QX_LANGUAGE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_ADM_QX_FORMAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_ADM_QX_COMPLETION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_GENDER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_AGE_CALC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
S_SDC_BROTHERS_NB	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
S_SDC_SISTERS_NB	✓	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓
S_SDC_SIB_NB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_SIB_NB_CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
S_SDC_SIB_OLDER_NB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_SIB_OLDER_NB_CAT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_MULTIPLE_BIRTH	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_ADOPTED_CHILD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
A_SDC_MARITAL_STATUS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

### A\_SMK\_CIG\_CUR\_FREQ

**Overview**

**Label** Current cigarette smoking frequency

**Description** If frequency of participant's current cigarettes consumption, if he has smoked more than 100 cigarettes during his lifetime. "Daily" was defined as at least one cigarette every day for the past 30 days. "Occasionally" as at least one cigarette in the past 30 days, but not every day, and "No" as no cigarettes at all in the past 30 days.

**Dataset**

**Value Type**

**Categories**

Name	Label
0	Does not smoke
1	Current smoker
2	Current daily
-7	Not Applicable

**Statistics**

Value	Frequency
Valid cases	
0	101 854 (34.4%)
1	73 858 (24.3%)
2	13 220 (4.4%)
3	16 228 (5.4%)
4	205 329 (68.5%)
Other Values	
Missing	2 095 (0.7%)
Deleted	2 095 (0.7%)
Total	292 454

**Classification**

Always of Information

Lifestyle and health behaviours

Tobacco

**Valid values frequencies**

0: Does not smoke  
1: Current smoker  
2: Current daily  
3: Current occasional

### Harmonization Algorithms

**A\_SMK\_CIG\_CUR\_FREQ -- atlantic-path (2)**

**Study variable** [Current frequency]

**Dataschema variable**

Value	Condition
0, 1, 2	If A_
-7	If A_
Missing	Missing

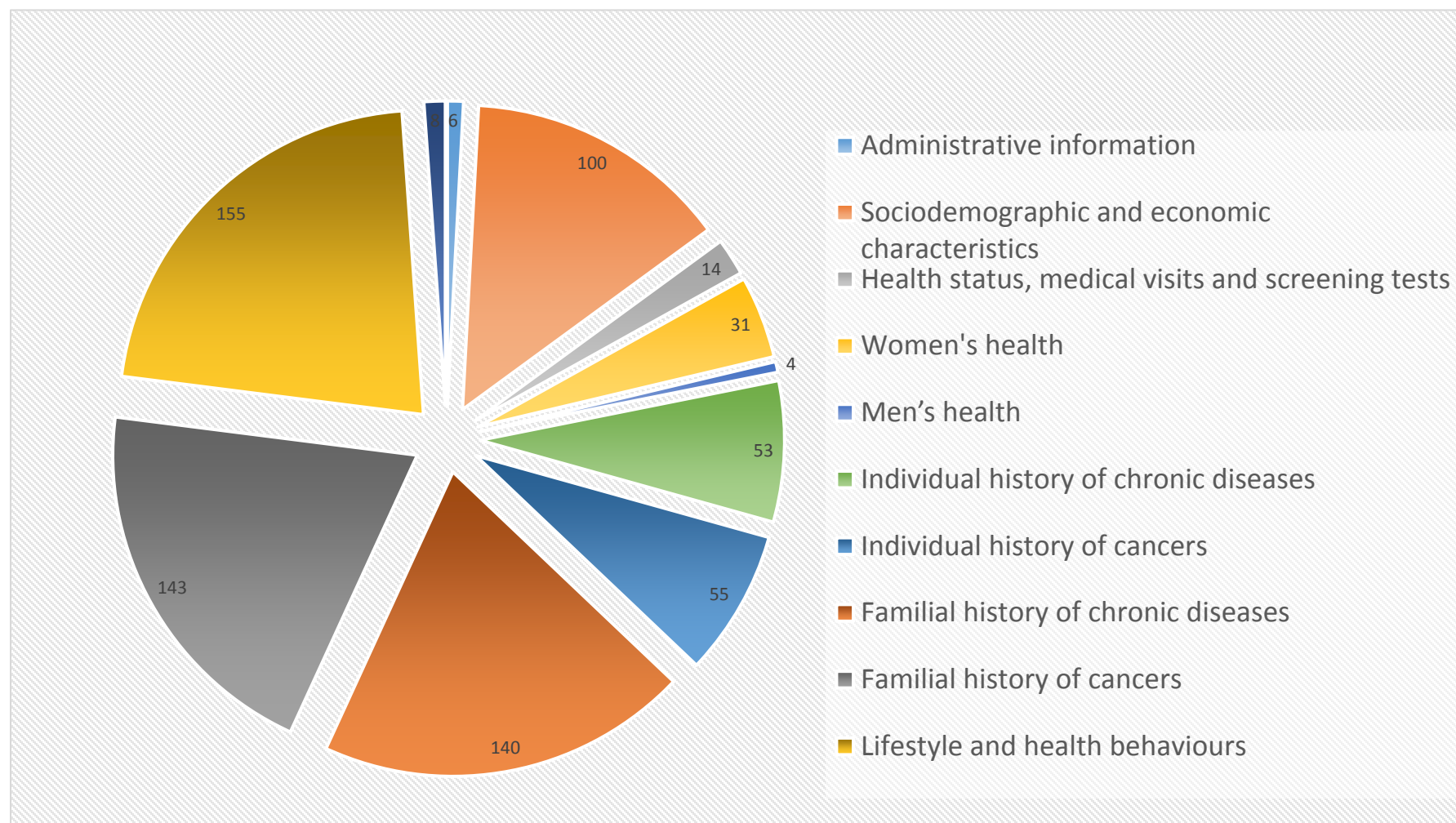
**A\_SMK\_CIG\_CUR\_FREQ -- atp (1)**

**Study variable(s)** [Current frequency of cigarette smoking]

**Dataschema variable values**

Value	Condition
0, 1, 2	If A_SMK_CIG_CUR_FREQ = 1, mapping from study variable
-7	If A_SMK_CIG_CUR_FREQ = 0
Missing	Missing

# Variables by area of information



# Socio-demographic profile

		N	%
Sex	Male	117,905	38 %
	Female	189,404	62 %
Age	<35 years	17,488	6 %
	35 – 44 years	62,535	20 %
	45 – 54 years	94,308	31 %
	55 – 64 years	87,889	28 %
	> 65 years	45,089	15 %
Country of Birth	Canada	233,946	76 %
	Other	55,048	18 %
	Unknown	18,315	6 %

## Individual history of diseases/ other conditions

	N	%
Cancer	29,602	10 %
Diabetes	22,176	7 %
High Blood Pressure	69,533	23 %
Stroke	3,153	1 %
Myocardial infarction	6,074	2 %
Arthritis	68,430	22 %
Asthma	37,203	12 %
Chronic hepatitis	1,820	1 %
Multiple sclerosis	1,761	1 %



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**What is new?**



# Medication dataset

## Description

- Information about current usage of prescribed medications collected at baseline (core health and risk factors questionnaire)
- Acronym – Med-baseline

## Content

- 289 core variables; 12 study-specific datasets
- 307,309 participants

# Medication dataset

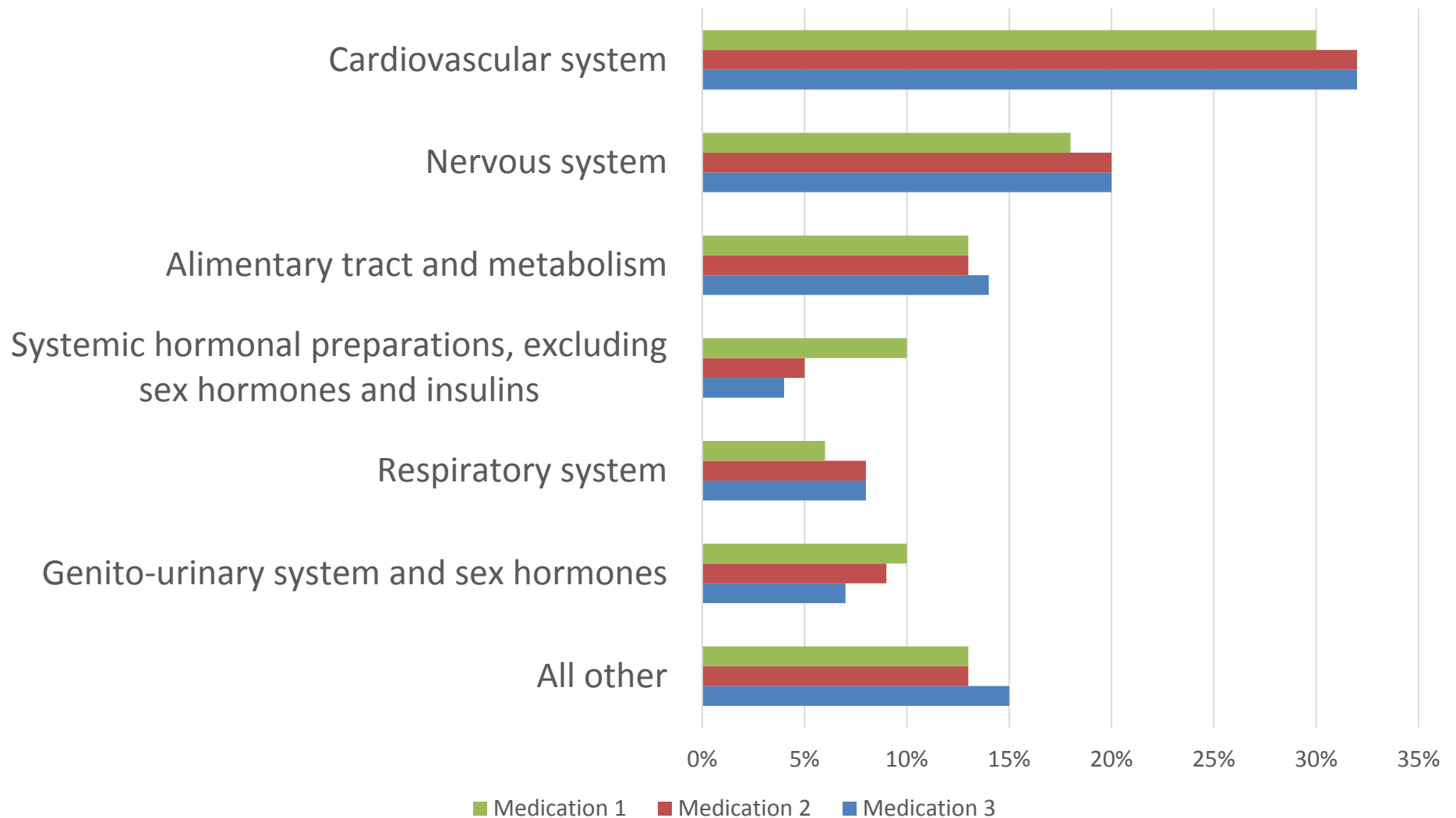
## Core variables:

- Medication name
- DIN number
- ATC code of medication
- Main anatomical group pertaining to medication (first level of ATC code)

N.B. Other drug related information is available from Health Canada Drug Product Database (DPD)

44% of the CPTP participants reported taking at least one prescribed medication

# Medication intake by anatomical group



# Additional personal and familial history of diseases and other conditions dataset

## Description

- Personal and family history of diseases and various health conditions, not included in the 'core' risk factor questionnaire
- Acronym – Ext\_part\_fam

## Content

- 526 core variables; 6 study-specific datasets
- Available for sub-samples of CPTP population

\*\* Metadata to be added on CPTP portal next week

# Area of information (ICD-10)

- Blood and blood-forming organs and certain disorders involving the immune mechanism (D50-D89) – 6 variables
- Endocrine, nutritional and metabolic diseases (E00-E90) – 12 variables
- Circulatory system (I00-I99) – 36 variables
- Nervous system (G00-G99) – 18 variables
- Congenital malformations, deformations and chromosomal abnormalities (Q00-Q99) – 14 variables
- Digestive system (K00-K93) – 40 variables
- Ear and mastoid process (H60-H95) – 25 variables
- Endocrine, nutritional and metabolic diseases (E00-E90) – 20
- Eye and adnexa (H00-H59) – 26 variables
- Genitourinary system (N00-N99) – 32 variables
- Certain infectious and parasitic diseases (A00-B99) – 30 variables
- Injury, poisoning and certain other consequences of external causes (S00-T98) – 6 variables
- Mental and behavioural disorders (F00-F99) – 27 variables
- Musculoskeletal system and connective tissue (M00-M99) – 14 variables
- Respiratory system (J00-J99) – 6 variables

# Physical measures dataset

## Description

- Physical measures collected at baseline including:
  - Anthropometrics (sitting and standing height, weight, waist and hip circumferences) measured by research staff;
  - Body mass index (BMI)
  - Body composition (bioimpedance)
  - Blood pressure
  - Resting heart rate
  - Grip Strength
- Acronym – PM-Baseline

## Content

- 65 core variables; 9 study-specific datasets
- ≈103,000 participants

# Mental health measures dataset

## Description

- Psychological scales collected at baseline
  - Generalised Anxiety Disorder Assessment (GAD-7)
  - Patient Health Questionnaire (PHQ-9)
- Acronym – MH-Baseline

## Content

- 17 core variables; 3 study-specific datasets
- *All 17 variables generated for ≈53,000*

# ■ Interpretative variables dataset ■

## Description

- Information collected when the participant donated biological samples (e.g. consumption of caffeine, alcohol, tobacco, food or drink preceding sample donation; pregnancy). Required, for example, to interpret biochemical measures.
- Acronym – Bio\_interpret

## Content

- 13 core variables; 8 study-specific datasets

# Biological samples

	N participants	%
Venous blood	137,067	52 %
Dried blood spots	10,642	4 %
Urine	98,330	37 %
Oragene saliva	9,626	4 %
Other saliva	8,306	3 %
<b><u>Total <i>samples</i></u></b>	<b>263,971</b>	<b>100 %</b>

# Biological sample pre-analytical data

## Description

- Pre-analytical conditions related to biological samples donations at baseline

## Content

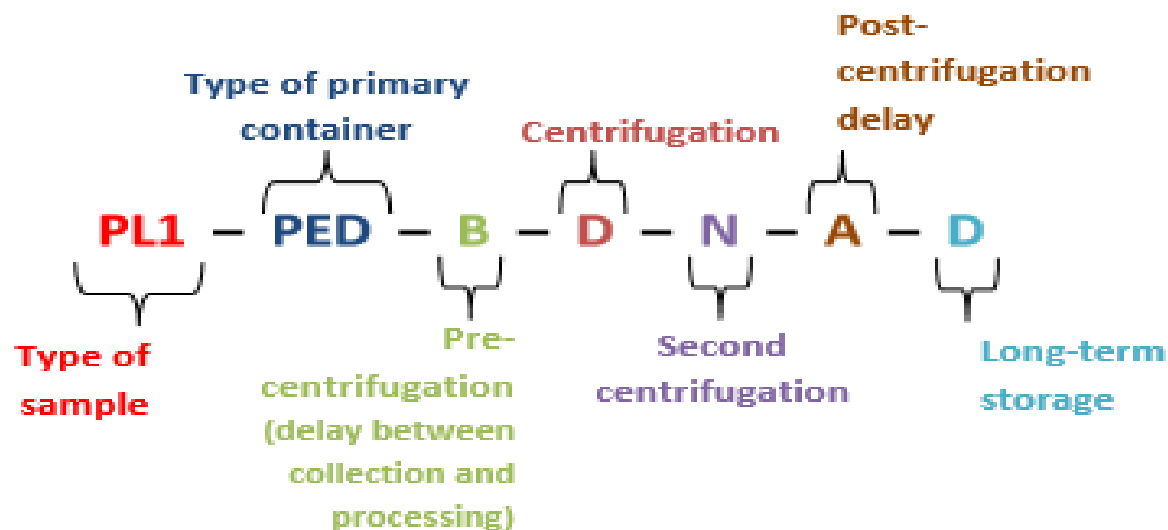
- 109 core variables; 8 study-specific datasets
- 135,809 participants

# SPREC

## (Standard Pre-analytical Coding for Biospecimens)

**SPREC** code summarize in a seven (7) part string the pre-analytical conditions for each unique fluid or solid sample collected.

<http://www.isber.org/?page=SPREC>



# Genotype Data

## Description

- Genotype Data Project: Sub-cohort of approximately 5000 Caucasian CPTP participants with:
  - No history of cancer at enrollment;
  - Health and risk factor questionnaire; physical measures collected from assessment centres; and blood samples
- Genotyping has been completed on the Affymetrix UK Biobank Axiom 2.0 gene chip containing over 800,000 SNPs.

\*\* Description of the project to be added to the portal



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**How to find information  
about available data**

**LP7**

consider deleting  
Luca Pisterzi, 27/09/2017

# CPTP data portal

[HOME](#)[COHORT](#)[DATASETS](#)[BIOSAMPLES](#)[ACCESS ▾](#)

The Canadian Partnership for Tomorrow Project (CPTP) Portal provides the research community with the necessary resources to identify epidemiological and biological data available from five participating cohorts to answer innovative research questions. A request for access to CPTP data is initiated directly through the CPTP Portal.

## Cohort design



Find out more about the five regional cohorts of the CPTP.

[Read more](#)

## Datasets



Find out more about the CPTP datasets and data harmonization approach.

[Read more](#)

## Biological samples



Find out more about CPTP's biological-sample collection and its upcoming availability.

[Read more](#)

## Access



Find out more about CPTP Access Policy, the access process, and approved research projects.

[Read more](#)

# The CPTP Cohort

The Canadian Partnership for Tomorrow Project (CPTP) aims to support leading edge Canadian and international research that investigates environmental, lifestyle and genetic factors related to the development and progression of cancer and chronic diseases.

The Partnership brings together five Canadian regional cohorts: BC Generations Project, Alberta's Tomorrow Project, Ontario Health Study, CARTaGENE (Quebec) and the Atlantic Partnership for Tomorrow's Health. More than 300,000 Canadians aged 30 to 74 have enrolled in the CPTP since 2008. In addition to contributing information on their lifestyle and health, subsets of participants have contributed biological samples, comprised of more than 150,000 DNA-containing biosamples (including at least 135,000 venous blood samples), 101,000 urine samples, and 31,000 toenail samples (as of March 2015).

## Cohort design



Find out more about the five regional cohorts of the CPTP.

[Read more](#)

### Alberta's Tomorrow Project (Alberta)



Alberta's Tomorrow Project (ATP) is a longitudinal study tracking the health of 55,000 adults aged 35 to 69 years in this western Canadian province.... [Read more](#)

### Atlantic PATH (Atlantic Region)



The Atlantic PATH is a long-term research project investigating environmental, lifestyle and genetic factors related to the development of cancer in Atlantic Canada (Nova Scotia, New Brunswick, Prince Edward Island and Newfoundland and Labrador).

### BC Generations Project (British Columbia)



**BC GENERATIONS PROJECT**  
Your time today builds a healthier tomorrow.

The BC Generations Project (BCGP) is a major health research project investigating environmental, lifestyle and genetic factors in the development of cancer and other chronic diseases in British Columbia, Canada.

### CARTaGENE (Quebec)

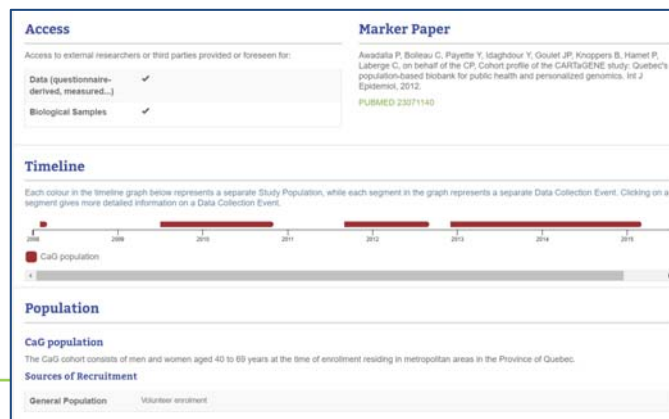


CARTaGENE is a long-term cohort study investigating environmental, lifestyle and genetic factors in the development of cancer and other chronic diseases in Québec, Canada.

### Ontario Health Study (Ontario)



The Ontario Health Study (OHS) is a prospective cohort study that will serve as a platform for investigating environmental, lifestyle, clinical, and molecular and/or genetic factors that potentially affect the risk of developing cancer and other chronic diseases.... [Read more](#)



CaG - Phase A	
Baseline recruitment: first wave	
During Phase A (July 2008–October 2010), 20,004 participants were recruited. Recruitment involved the completion of a Health and Risk Factor Questionnaire, physical assessments, and the collection of biological samples from all participants.	
<b>Start Year</b>	2008 (July)
<b>End Year</b>	2010 (October)
<b>Data Sources</b>	<ul style="list-style-type: none"> <li>Questionnaires</li> <li>Physical measures</li> <li>Serum samples</li> <li>Others: Genomological records</li> </ul>
<b>Biological Samples</b>	<ul style="list-style-type: none"> <li>Blood</li> <li>Urine</li> <li>Toenails</li> </ul>



## Datasets



Find out more about the CPTP datasets and data harmonization approach.

[Read more](#)

[Search Variables](#)

### Data Currently Available

#### Health and Risk Factor Questionnaire Data

CoreQx Release 1 questionnaire data collected at baseline (709 variables)

#### Physical Measures Data

Physical measures - data collected at baseline (66 variables)

#### Mental Health Data

Personal perception of mental health - data collected at baseline by three of the five population-based cohorts (17 variables)

#### Medication Data

Medications - data on current usage of prescribed medications collected at baseline (291 variables)

## Harmonization

Click on each status icon to get more details on the corresponding harmonization results :

🟡 **Undetermined** - the harmonization potential of this variable has not yet been evaluated.

✅ **Complete** - study-specific variable is the same as DataSchema variable (status = identical) or needs transformation

❌ **Incomplete** - study does not collect DataSchema variable (status = unavailable) or cannot be used to generate DataSchema variable (status = incompatible).

Showing 1 to 25 of 66 entries

Variable	Atlantic PATH 1	ATP 1	ATP 2	BCGP 1	CaG 1	OHS 1	OHS 2	OHS 3
PM_BP_SYSTOLIC_1	✅	✅	✅	✅	✅	✅	✅	✅
PM_BP_SYSTOLIC_2	✅	✅	✅	✅	✅	✅	✅	✅
PM_BP_SYSTOLIC_3	❌	✅	✅	❌	✅	✅	✅	✅
PM_BP_SYSTOLIC_4	❌	❌	❌	❌	❌	✅	✅	❌
PM_BP_SYSTOLIC_5	❌	❌	❌	❌	❌	✅	✅	❌
PM_BP_DIASTOLIC_1	✅	✅	✅	✅	✅	✅	✅	✅
PM_BP_DIASTOLIC_2	✅	✅	✅	✅	✅	✅	✅	✅
PM_BP_DIASTOLIC_3	❌	✅	✅	❌	✅	✅	✅	✅
PM_BP_DIASTOLIC_4	❌	❌	❌	❌	❌	✅	✅	❌
PM_BP_DIASTOLIC_5	❌	❌	❌	❌	❌	✅	✅	❌
PM_HR_1	✅	✅	✅	✅	✅	✅	✅	✅
PM_HR_2	✅	✅	✅	✅	✅	✅	✅	✅
PM_HR_3	❌	✅	✅	❌	✅	✅	✅	✅
PM_HR_4	❌	❌	❌	❌	❌	✅	✅	❌
PM_HR_5	❌	❌	❌	❌	❌	✅	✅	❌
PM_BP_SYSTOLIC_AVG	✅	✅	✅	✅	✅	✅	✅	✅
PM_BP_DIASTOLIC_AVG	✅	✅	✅	✅	✅	✅	✅	✅
PM_HR_AVG	✅	✅	✅	✅	✅	❌	✅	✅
PM_SITTING_HEIGHT_1	✅	✅	✅	✅	✅	✅	✅	✅

## Physical Measures - Baseline

Search Variables

### Overview

Acronym	PM Baseline
Description	<p>The physical measures dataset includes measures collected at baseline by the five population-based cohorts on a subset of CPTP participants. The current data release includes 100,000 participants. The harmonized dataset includes information on:</p> <ul style="list-style-type: none"> <li>• Anthropometrics (height, weight, waist and hip circumferences)</li> <li>• Blood pressure and resting heart rate</li> <li>• Body mass index (BMI)</li> <li>• Body composition</li> <li>• Grip Strength</li> </ul>
Number of variables	66

# PM\_BP\_SYSTOLIC\_1

## Overview

Label	Systolic blood pressure 1 - measured
Description	First measurement of systolic blood pressure taken at rest.
Dataset	Physical Measures - Baseline
Value Type	integer
Unit	mmHg

## Statistics

Cumulative summary of all studies:

Min	Max	Mean	Std. Dev	N	Missing	Total
61,00	230,00	126,40	16,60	93,208	10,358 10,00%	103,566

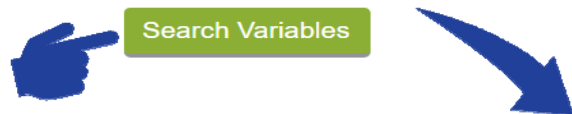
Show Harmonization Results

## Classification

Areas of Information

Physical measures      Circulation and respiration

PM_BP_SYSTOLIC_1 -- Atlantic PATH (1)	
Overview	Classification
Label	
Description	
Dataset	
Value Type	
Unit	
Statistics	
Min	
Max	
Mean	
Std. Dev	
N	
Missing	
Total	
PM_BP_SYSTOLIC_1 -- ATP (1)	
Overview	Classification
Label	
Description	
Dataset	
Value Type	
Unit	
Statistics	
Min	
Max	
Mean	
Std. Dev	
N	
Missing	
Total	
PM_BP_SYSTOLIC_1 -- BCGP (1)	
Overview	Classification
Label	
Description	
Dataset	
Value Type	
Unit	
Statistics	
Min	
Max	
Mean	
Std. Dev	
N	
Missing	
Total	
PM_BP_SYSTOLIC_1 -- OHS (1)	
Overview	Classification
Label	
Description	
Dataset	
Value Type	
Unit	
Statistics	
Min	
Max	
Mean	
Std. Dev	
N	
Missing	
Total	
PM_BP_SYSTOLIC_1 -- CaG (1)	
Overview	Classification
Label	Systolic blood pressure 1 - measured
Description	First measurement of systolic blood pressure taken at rest.
Dataset	Physical Measures - Baseline
Value Type	integer
Unit	mmHg
Statistics	
Min	61,00
Max	230,00
Mean	126,40
Std. Dev	16,60
N	93,208
Missing	10,358 10,00%
Total	103,566



## Search

Start searching by selecting a facet

Dataset acronym – to search in one or more datasets

Areas of Information

- Socio-demographic and economic characteristics
- Lifestyle and health behaviours
- Health status and functional limitations
- Diseases
- Symptoms and signs
- Medication and supplements
- Non-pharmacological interventions
- Health and community care utilization
- Reproduction
- Birth, infancy and childhood
- End of life
- Physical measures
- Cognition, personality and psychological measures
- Laboratory measures
- Social environment
- Physical environment
- Administrative information

All e.g. cancer, alcohol, education

Clear

Variables (1,094)

Download 10 1 2 3 ... 1 - 10 of 1094

Acronym

- ☒ any
- ☐ none
- ☒ in

Name	Dataset
ADM_STUDY_ID	med-baseline
ATC_1	med-baseline
ATC_10	med-baseline
ATC_10_L1	med-baseline
ATC_11	med-baseline
ATC_11_L1	med-baseline
ATC_12	med-baseline
ATC_12_L1	med-baseline
ATC_13	med-baseline
ATC_13_L1	med-baseline

Area of information – classification of variables according to domain of information

# Biological Samples



## Overview of Available Biological Samples

Biological samples were donated near the time of enrollment or during a subsequent sample collection campaign. [Biological samples available](#) for access include serum, plasma, DNA, red blood cells, cryo-preserved whole blood, and urine samples. When participant donated a sample to CPTP, a sample donation questionnaire about the physical state of the participant at the time of donation that may influence markers in the blood and/or urine was administered. To learn more about interpretative variables from sample donation questionnaire, [click here](#). The time since last meal was recorded at the time of blood donation. Urine samples were collected at a random time of day. If a participant was unable to provide a blood sample due to medical or geographical reasons, a saliva sample or blood spot was sought whenever possible.



## Biological Sample Collection

All blood samples were collected from participants via arm venipuncture into Becton Dickinson vacutainer tubes as per manufacture instructions. Serum was collected in a SST tube. Plasma, buffy coat and red blood cells were collected in a K2EDTA tube. In a subset of participants, PST-plasma and ACD whole blood were collected.

Urine, when requested, was collected in a sterile cup without preservatives. Saliva samples were collected, often at the participant's home, in an Oragene™ saliva kit. Blood spots were collected at the participant's home using a Whatman® 903 card.

## Biological Sample Shipping

For blood and urine samples processed and aliquoted onsite at the phlebotomy collection location, samples were shipped and transported frozen at -80°C. For those phlebotomy collection sites without onsite biological sample aliquoting services, biological samples were shipped and transported in batches to be received by the regional processing lab often the same day or the next day. Spun-SST, spun-PST, EDTA and urine samples were shipped on ice while ACD samples were shipped and transported at ambient temperature.

Saliva and blood spot samples were shipped at ambient temperature.

## Biological Sample Processing

Full biosample processing details are available upon request. Biosample pre-analytical history is available for each biosample in the form of the Standard Preanalytical Coding for Biospecimens (SPREC) (*Biopreservation and Biobanking*, 2012;10(4) 366-374) and Biospecimen Reporting for Improved Study Quality (BRISQ) (*Cancer Cytopathology*, 2011;119:92-101).

## Long Term Biological Sample Storage

Blood and urine samples are stored at -80°C or at -190°C. DNA is stored at -20°C or colder. Oragene™ saliva samples are stored at ambient temperature as per the manufacturer's suggested storage.

## Legacy Biological Samples

### Biological samples



Find out more about CPTP's biological-sample collection and its upcoming availability.

[Read more](#)

## Access Process

Requests for access, as well as requests for further information on the CPTP datasets, are received by the **CPTP Access Office**. Prior to submitting an Access Application Form, we strongly recommend that you consult the [CPTP Policy documents](#), which will provide you with detailed information about the process and CPTP's access, publications and intellectual property policies. For inquiries about the access process, please contact our Access Office at [access@partnershiptomorrow.ca](mailto:access@partnershiptomorrow.ca).

### CPTP Access Application Process

#### Access



Find out more about CPTP Access Policy, the access process, and approved research projects.

[Read more](#)

#### STEP 1.

##### Create an account

Before initiating a request for access, all researchers must [create a CPTP Portal User account](#).

#### STEP 2.

##### Complete and submit your request

Researchers are encouraged to contact the Access Office to understand the requirements involved before submitting an application.

When researchers are ready to complete and submit an access request, they must fill and submit an application form online and attach all of the required CPTP access documentation by logging into their CPTP Portal User account, and going to [New Access Request](#).

#### STEP 3.

##### Track your request

Researchers will be able to track the progress and history of their access request online, by logging into their CPTP Portal User account, and going to [My Access Requests](#).

### CPTP Policies & Guidelines

We strongly recommend that you consult these prior to submitting an Access Application Form:

- [Access Policy](#)
- [Publications Policy](#)
- [Intellectual Property Policy](#)
- [Guidelines for Biosample Access](#)
- [Biosample Feasibility Review](#)

### Required CPTP Access Documentation

All applications for access must include the following:

- Completed Access Application Form
- Research Protocol
- Proof of scientific peer-review, if available
- Decision letter from a Research Ethics Board
- 2-Page CV of the principal applicant

[Register](#) Or already have an account? [Log In](#)



Canadian  
Partnership for  
**Tomorrow**  
Project



**CPTP Access Process**  
**Erika Kleiderman, B.Sc., LL.B.**  
**CPTP Assistant to the Access Officer**

# ■ The Access Process

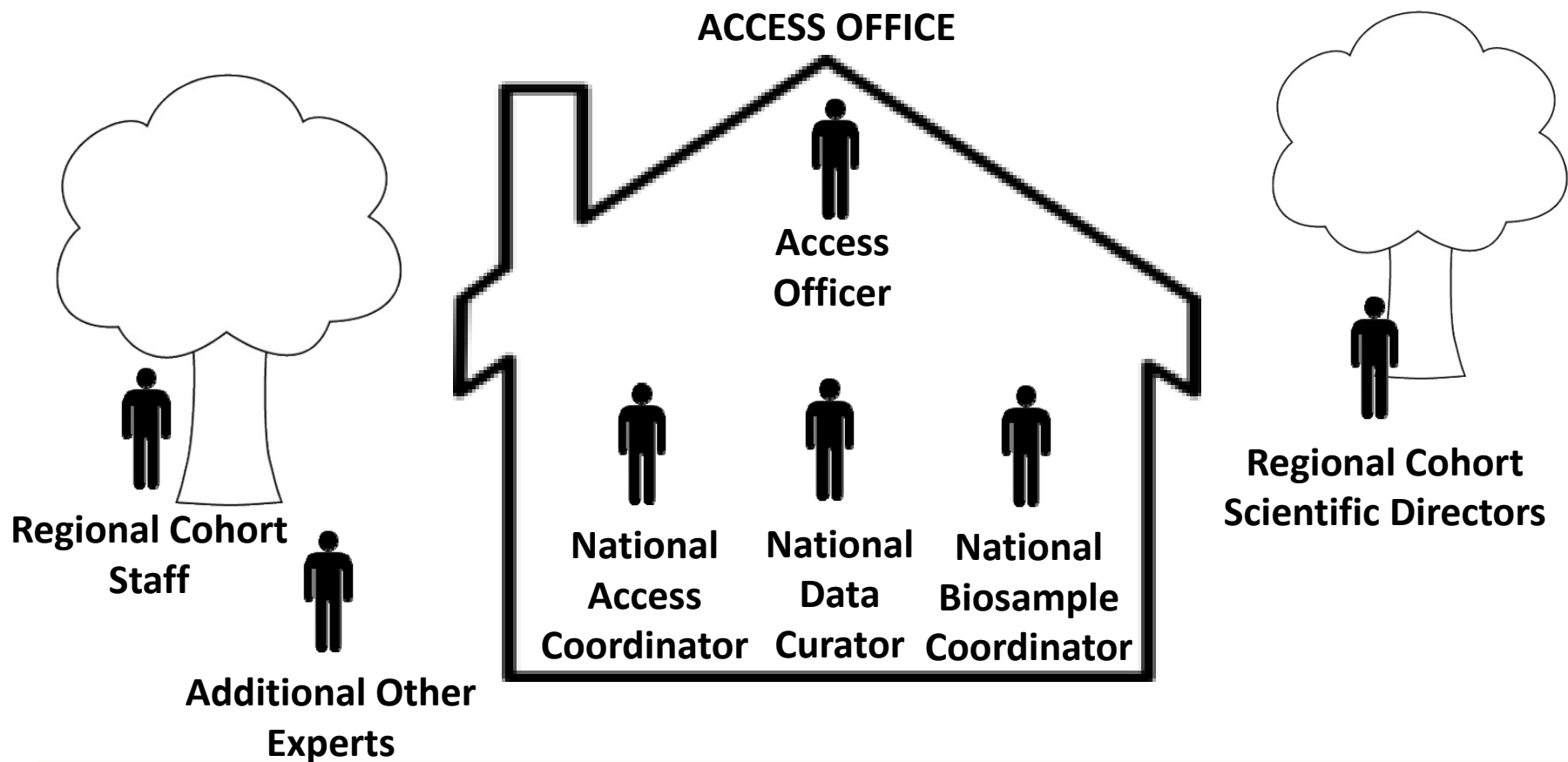
- National access infrastructure
- How the process works
  - Feasibility/Queries
  - Access application process
- Placing an access request

# Access Infrastructure to Facilitate Research

## National Access Infrastructure:

- **Access Office:**
  - Single point of contact for access requests
  - Aims to facilitate access while respecting the participants consent
  - Implements approved Access Policies and Procedures
- **Independent Access Committee:**
  - Accountable for requests approvals and oversight on access activities

# Overview of Access Office Roles & Responsibilities



# CPTP Access Application Process

## Process for queries:

- Feasibility
- Support for submission
- Letter of support (LoS)



# Managing General Queries

- Researchers/ Applicants do not need to register to the Portal to query CPTP
- Researchers can view the CPTP Data and Biosample Catalogue on the CPTP Portal
- The Access Officer will receive queries through email: [access@partnershipfortomorrow.ca](mailto:access@partnershipfortomorrow.ca)
- The Access Officer will triage to Access Office reps as required

**Estimated service standards: 1-2 business days**

# Support for Submission

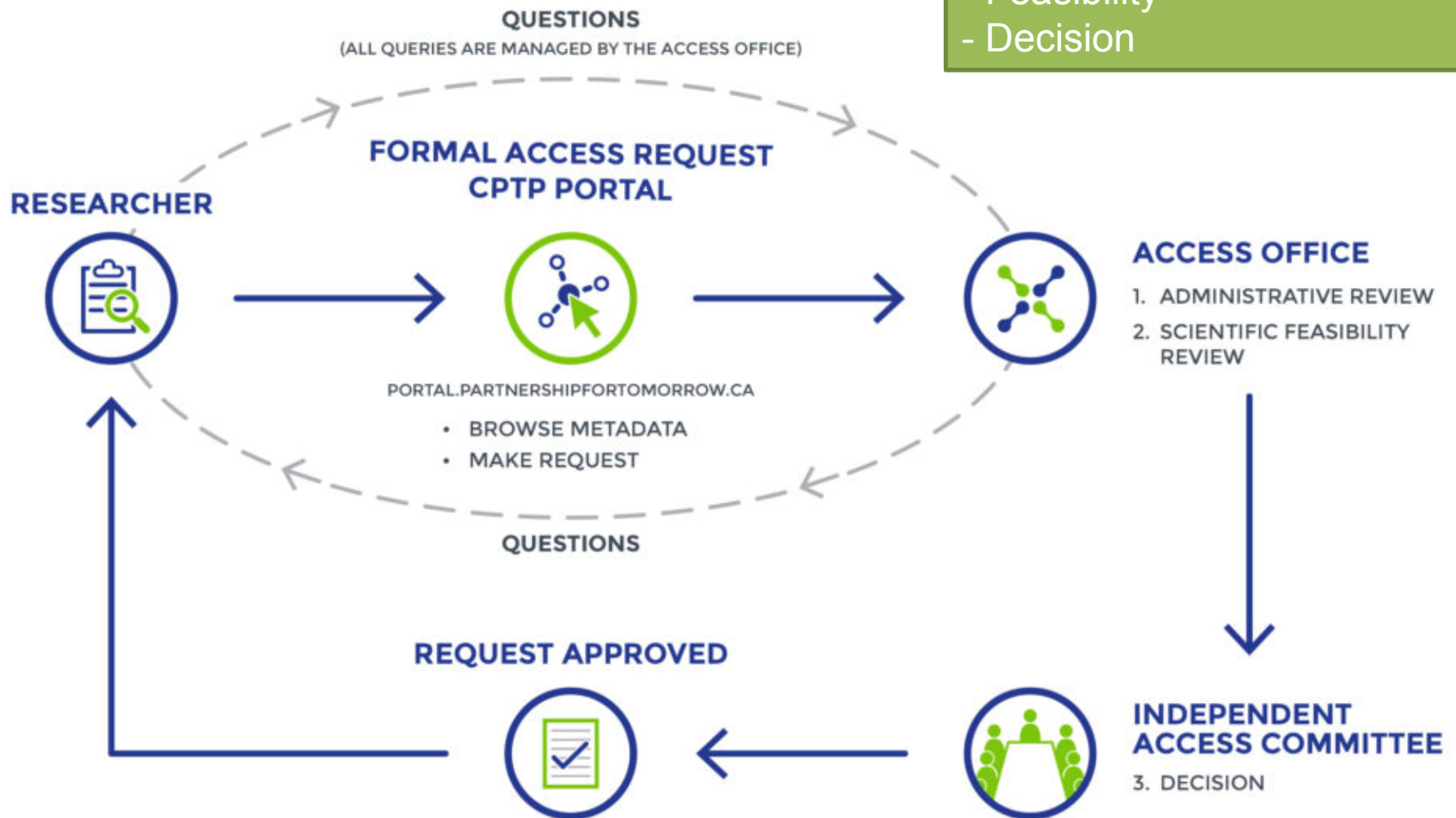
- Researchers are encouraged to contact the Access Office and register to the Portal as they prepare their submission – this “concierge service” will support quality submissions
- The Access Officer will triage to Access Office members as required; may require consultation with regional cohort scientific directors

**Estimated service standards: N/A – duration dependent on applicant**

# CPTP Access Application Process

## Application Process:


- Administrative
- Feasibility
- Decision



<https://portal.partnershipfortomorrow.ca/>

# Starting off

News & Events EN | FR Register | Log In

 **CPTP PORTAL**

HOME COHORTS DATASETS BIOSAMPLES ACCESS ▾

The Canadian Partnership for Tomorrow Project (CPTP) Portal provides information to help the research community identify data and biosamples of interest to answer innovative research questions and request access to the CPTP resources.

## Cohort design



Find out more about the five regional cohorts of the CPTP.

[Read more](#)

## Datasets



Find out more about the CPTP datasets and data harmonization approach.

[Read more](#)

## Biosamples



Find out more about the CPTP biosamples collection and its upcoming availability.

[Read more](#)

## Access



Find out more about the CPTP Access policies and procedures.

[Read more](#)

**Welcome to CPTP Portal!** The portal includes comprehensive information on the [cohort design](#), [data harmonized across the five regional cohorts](#), [collected biosamples](#), and [CPTP access procedures](#).

## More information

Visit the [CPTP web site](#) to learn more about the Project.

For inquiries about data, biosamples and access, create a CPTP Portal [User account](#) to contact the [Access Office](#).

## Data available (April 1, 2015)

Researchers can request access to CPTP Health and Risk Factor questionnaire data (307,830 participants). Click [here](#) for more information on the CPTP harmonized datasets.


## Future data releases

Physical measures data and other types of data, as well as information related to biosamples, will be made available to the research community in 2015 – 2016 and as more data is collected and harmonized.

## Create an account



# Starting off

**CPTP PORTAL**

HOMECOHORTSDATASETSBIOSAMPLESACCESS

**My Access Requests**

My Access Requests  
Access Process

[+ New Access Request](#) [? Questions? Contact the CPTP Access Office](#)

Showing 0 to 0 of 0 entries

Search :

ID	Applicant	Title	Last Update	Submission Date	Status	Actions
No data available in table						

**Initiate Access Requests directly online**

# Creating an Access Request

## My Access Requests

My Access Requests

Access Process

[+ New Access Request](#) ? Questions? [Contact the CPTP Access Office](#)

Showing 0 to 0 of 0 entries

Search :

ID	Applicant	Title	Last Update	Submission Date	Status	Actions
No data available in table						

# Creating an Access Request

## Access Request

### ◀ New Access Request

Cancel Save Validate

This application form is for requests for access to the controlled research data of the Canadian Partnership for Tomorrow Project (CPTP). To obtain access, applicants must complete this entire application form and attach the required documentation including: research protocol; proof of funding (e.g. decision letter from funding body), *if available*; proof of scientific peer-review, *if available*; decision letter from a Research Ethics Board and a 2-page CV of the principal applicant.

Upon approval of an access request by the Data Access Oversight Committee, access to CPTP research data will be granted for the timeframe agreed upon in the Data Access Agreement (starting from the date of signature of the Agreement). An Annual Report must be completed to access/use CPTP research data beyond a one-year period.

Moreover, the names, institutions, and lay summaries of the scientific abstracts of all Approved Users will be added to its publicly available access registry

[Contact Access Office](#)

## I - Contact and Research Project Information

### A. Name, institution, and contact details of the Applicant (Principal Applicant)

Please ensure that a full postal address and a valid institutional e-mail address are included. In case of more than one affiliation, applicants are asked to only provide their contact information pertaining to the institution they are affiliated with for the purpose of this research project.

Name \*

Title \*

Position \*

Institution \*

Institutional E-mail Address \*

Alternate E-mail Address

Telephone Number \*

Mailing Address \*

# CPTP Application Package

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- The CPTP application package includes:
  - Original application form;
  - Research protocol (having received ethics approval);
  - Proof of scientific peer-review of research protocol (if applicable);
  - Approval by a Research Ethics Board,
  - 2-page CV of the principal applicant

# ■ Support for Funding Competitions ■

- The Access Office will review requests for Letters of Support to support grant applications.
  - Based on general feasibility of proposed project
  - Alignment with the Guiding Principles for CPTP
- For submissions: [access@partnershiptomorrow.ca](mailto:access@partnershiptomorrow.ca)
- Documents needed: scientific background of your submission (extra information if biosamples will be needed).
- A LoS does not guarantee access


# Access Office

<b>Access Officer:</b>	Ma'n H. Zawati
<b>Assistant to the Access Officer:</b>	Erika Kleiderman
<b>National Access Coordinator (NAC):</b>	Ghislain Rocheleau
<b>National Data Curator (NDC):</b>	Nataliya Dragieva
<b>National Biosamples Coordinator (NBC):</b>	Treena McDonald
<b><i>Ad hoc</i>: Manager, CPTP</b>	Tanya Flanagan

## Current leadership

BC Generations Project	<b>Dr. Trevor Dummer</b> <b>Dr. Nhu Le</b>	Environment Biostatistics
Alberta's Tomorrow Project	<b>Dr. Jennifer Vena</b>	Physical Activity
Ontario Health Study	<b>Dr. Philip Awadalla</b>	Genetics
CARTaGENE	<b>Dr. Anne-Monique Nuyt</b> <b>Dr. Sébastien Jacquemont</b>	Developmental biology Genetics
Atlantic Partnership for Tomorrow's Health	<b>Jason Hicks</b> <b>Dr. Melanie Keats</b>	Epidemiology
National Coordinating Centre	<b>Dr. Céline Moore</b>	Operational leadership
Ethics, legal and social issues	<b>Dr Bartha Maria Knoppers</b>	Ethics in biobanking
Harmonization	<b>Dr Isabel Fortier</b>	Data harmonization and management
Biobanking and samples	<b>Dr Anne-Marie Mes Masson</b>	Molecular oncology and biobanking

# CPTP: Consortium of Sponsors

	National Sponsor	Provincial Sponsors
 <p>BC GENERATIONS PROJECT Your time today builds a healthier tomorrow.</p>  <p>ALBERTA'S TOMORROW PROJECT Inspiring research for a healthier tomorrow</p>  <p>Ontario Health Study</p>  <p>CARTAGENE</p>  <p>Atlantic PATH PARTNERSHIP FOR TOMORROW'S HEALTH For the Benefit of Future Generations</p>	 <p>CANADIAN PARTNERSHIP AGAINST CANCER</p>  <p>PARTENARIAT CANADIEN CONTRE LE CANCER</p>	 <p>BC Cancer Agency CARE + RESEARCH</p>  <p>Alberta Government</p>  <p>Alberta Cancer FOUNDATION</p>  <p>Alberta Health Services</p>  <p>OICR Ontario Institute for Cancer Research</p>  <p>GenomeCanada</p>  <p>GenomeQuébec</p>  <p>CHU Sainte-Justine Le centre hospitalier universitaire mère-enfant</p>  <p>Université de Montréal</p>  <p>DALHOUSIE UNIVERSITY</p>

# Canadian Cancer Research Conference

## Nov 5-7, 2017; Vancouver, BC

Sun Nov 5

9:35 ESTIMATING THE CURRENT AND FUTURE BURDEN OF CANCER IN CANADA: IDENTIFYING OPPORTUNITIES FOR PREVENTION  
Darren Brenner  
Alberta Health Services, Calgary

10:30 THE CANADIAN PARTNERSHIP FOR TOMORROW PROJECT: CANADA'S LARGEST POPULATION HEALTH RESEARCH PLATFORM  
Trevor Dummer  
BC Generations Project & University of British Columbia, Vancouver

10:48 CANCER DNA SCREENING PILOT STUDY (CANDACE)  
Alan Nichol  
University of British Columbia, Vancouver

Mon Nov 6

11:06 CARDIOVASCULAR DISEASE RISK FACTORS AND CARDIOVASCULAR COMORBIDITY IN CANCER SURVIVORS  
Melanie Keats  
Atlantic PATH & Dalhousie University, Halifax

11:15 MEDICATION USE AND CARDIOVASCULAR COMORBIDITY IN CANCER SURVIVORS  
Scott Grandy  
Dalhousie University, Halifax

11:24 LIFESTYLE FACTORS AND CANCER RISK IN THE ALBERTA'S TOMORROW PROJECT COHORT  
Darren Brenner  
University of Calgary, Alberta Health Services, Calgary

11:42 THE CROSS-COHORT HARMONIZATION PROJECT FOR TOMORROW  
Isabel Fortier  
Maelstrom Research & McGill University, Montreal

# ■ Thank You

CPTP Website: <http://www.partnershipfortomorrow.ca/>

CPTP Portal: <https://portal.partnershipfortomorrow.ca/>

Twitter: [@cptproject](https://twitter.com/cptproject)

## **CPTP Access Office**

740 Dr. Penfield Avenue

Montreal, QC

514-398-4806

[access@partnershipfortomorrow.ca](mailto:access@partnershipfortomorrow.ca)

## Slide 56

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**LP21**

updated this with all the contact info

Luca Pisterzi, 27/09/2017



Canadian  
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**Tomorrow**  
Project



Questions