

Molecular epidemiologic research demands ever larger sample sizes to investigate associations with complex disease etiologies such as cancer. Consortia of existing studies evolved to address this need, while newly-established cohort studies espouse additional opportunities. At the Cohorts and Consortia conference, we will foster partnerships with investigators who lead large cohorts and consortia in order to promote collaborative research while addressing themes of large-scale biorepositories, biotechnology, participant privacy, multidimensional data analyses and novel exposure measurement.

Location:

Rimrock Resort
Banff, Alberta, Canada
www.rimrockresort.com

Date:

Wednesday, June 17 (afternoon) to
Friday, June 19, 2009

Co-Chairs:

- » Linda Kelemen, MSc, ScD, Alberta Health Services-Alberta Cancer Board, Calgary, AB, Canada
- » Paolo Boffetta, MD, IARC, Lyon, France and past-Chairperson, AACR-MEG Steering Committee

Program Committee:

- » John D Potter, MD, PhD, Fred Hutchinson Cancer Research Center and University of Washington, Seattle, WA, USA
- » Paula J Robson, PhD, Alberta Health Services-Alberta Cancer Board, Edmonton, AB, Canada
- » Cornelia Ulrich, PhD, Fred Hutchinson Cancer Research Center and University of Washington, Seattle, WA, USA and Chairperson, AACR-MEG Steering Committee
- » Gloria Petersen, PhD, Mayo Clinic, Rochester, MN, USA and Chairperson-Elect, AACR-MEG Steering Committee

Organizers:

Alberta Health Services-Alberta Cancer Board
International Agency for Research on Cancer

Sponsoring Agencies:

Canadian Partnership Against Cancer
Canadian Institutes of Health Research
Canadian Cancer Society
Canadian Breast Cancer Research Alliance
Alberta Cancer Research Institute –
Alberta Cancer Foundation
University of Calgary

Alberta Health Services-Alberta Cancer Board Organizing Committee:

- » Nigel Brockton, PhD
- » Ilona Csizmadi, PhD
- » Christine Friedenreich, PhD
- » Karen Kopciuk, PhD
- » Elizabeth McGregor, PhD

Registration:

Closes June 8 11:59 Mountain Time

	Before April 30th	After April 30th
Trainees & Students	\$250	\$250
Principal Investigators	\$475	\$575

All prices in Canadian currency

Day 1

WEDNESDAY JUNE 17TH

3:00-5:00pm Educational Session *Wildrose Salon B/C*
Incorporating Latest Technology into Molecular Epidemiologic Studies

Moderator: Cornelia Ulrich, PhD

3:00-3:40pm DNA Sequencing Technologies: Past, Present and Future
John D McPherson, PhD, Ontario Institute for Cancer Research,
Toronto, ON, Canada

3:40-4:20pm In the Dawn of Next-Generation Sequencing: What Role Will High-Throughput
Genotyping Play?
David Duggan, PhD, TGen, Phoenix, AZ, USA

4:20-5:00pm Enabling Citizen Science: Technologies, Strategies and Opportunities
Eric Paulos, PhD, Carnegie Mellon University, Pittsburgh, PA, USA

5:00-5:30pm Coffee Break *Wildrose Salon A*

5:30-5:45pm Opening Remarks *Wildrose Salon B/C*
Linda Kelemen, ScD, Alberta Health Services-Alberta Cancer Board
Christine Friedenreich, PhD, Alberta Health Services-Alberta Cancer Board
Heather Bryant, MD, PhD, Canadian Partnership Against Cancer

5:45-7:00pm Keynote Session: What Should Be the Priorities for Cohort Studies?

Moderator: Paolo Boffetta, MD

5:45-6:20pm Priority Should Be Given to Ensuring Long-Term Sustainability of Existing
Cohorts
Debater: Graham A Colditz, MD, DrPH, Washington University School of
Medicine, St Louis, MO, USA

6:25-7:00pm Priority Should Be Given to Establishing New Cohorts
Debater: John D Potter, MD, PhD, Fred Hutchinson Cancer Research Center
and University of Washington, Seattle, WA, USA

7:00-7:30pm Discussion

7:30-9:30pm Opening Reception *Wildrose Salon Foyer*

Day 2

THURSDAY JUNE 18TH

7:00-8:00am Continental Breakfast *Wildrose Salon A*

Working group meetings (open to all attendees) *Wildrose Salon A*

8:00-9:45am	Session 1 The Emergence of National Cohorts I: Tomorrow's Consortia? Focus on Established Cohorts and their Challenges	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> Graham A Colditz, MD, DrPH	
8:00-8:10am	European Prospective Investigation into Cancer and Nutrition Elio Riboli, MD, MPH, ScM, Imperial College London, London, UK	
8:10-8:20am	Nurses' Health Study Susan E Hankinson, ScD, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA	
8:20-8:30am	Perspectives from the American Cancer Society Cohorts Michael Thun, MD, MS, American Cancer Society, Atlanta, GA, USA	
8:30-8:40am	Multiethnic Cohort Study Laurence Kolonel, MD, PhD, Cancer Research Center of Hawaii, Honolulu, HI, USA	
8:40-8:50am	Shanghai Women's Health Study Wei Zheng, MD, PhD, MPH, Vanderbilt University Medical Center, Nashville, TN, USA	
8:50-9:45am	Panel Discussion	
9:45-10:15am	Coffee Break	<i>Wildrose Salon A</i>
10:15-12noon	Session 2 The Emergence of National Cohorts II: Tomorrow's Consortia? Focus on Young Cohorts and their Challenges	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> John D Potter, MD, PhD	
10:15-10:25am	The Canadian Partnership for Tomorrow Project Paula J Robson, PhD, Alberta Health Services-Alberta Cancer Board, Edmonton, AB, Canada	
10:25-10:35am	The Malaysian Cohort A Rahman A Jamal, MD, MRCP, PhD, UKM Medical Molecular Biology Institute, Kuala Lumpur	
10:35-10:45am	Golestan Cohort Study of Upper GI Cancers Reza Malekzadeh, MD, AGAF, Tehran University, Tehran, Iran	
10:45-10:55am	Blood-Based Epidemiology in India Prabhat Jha, MD, DPhil, University of Toronto, Toronto, ON, Canada	
10:55-11:05am	The Kadoorie Biobank of 0.5 Million People in China Zhengming Chen, MBBS, DPhil, University of Oxford, Oxford, UK	
11:05-12noon	Panel Discussion	

12:00-1:00pm	Poster Session	<i>Wildrose Salon B</i>
	Boxed Lunch (Provided)	<i>Wildrose Salon A</i>
1:00-4:00pm	Free Time or Scheduled Event	
4:00-5:30pm	Session 3 Overcoming Limitations of Geography: Lessons Learned from Consortia	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> Gloria Petersen, PhD	
4:00-4:30pm	Prospectively-Organized Consortia: Harmonization, Data-Sharing and Policy Issues Daniela Seminara, PhD, MPH, National Cancer Institute, Bethesda, MD, USA	
4:30-5:00pm	Lessons from the Asia Cohort Consortium Keun-Young Yoo, MD, MPH, PhD, Seoul National University College of Medicine, Seoul, Korea	
5:00-5:30pm	The Use of Post-Hoc Consortia to Understand Genetic Associations Ellen L Goode, PhD, MPH, Mayo Clinic, Rochester, MN, USA	
5:30-6:30pm	Session 4 New Paradigms for Epidemiologic Research	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> Linda Kelemen, ScD	
5:30-6:00pm	New Opportunities for Assessing Environmental Exposures Paul A Demers, PhD, University of British Columbia, Vancouver, BC, Canada	
6:00-6:30pm	Can Observational Cohort Studies Inform Precision Medicine? Moffitt's Total Cancer Care Initiative Thomas Sellers, PhD, H. Lee Moffitt Cancer Center & Research Institute, Tampa, FL, USA	
7:00pm	Dinner (Provided)	<i>Wildrose Salon A</i>

Day 3

FRIDAY JUNE 19TH

7:00-8:15am	Continental Breakfast	<i>Wildrose Salon A</i>
	Working group meetings (open to all attendees)	<i>Wildrose Salon A</i>

8:15-10:00am	Session 5 Model Systems of Large-Scale Biorepositories: Opportunities and Challenges	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> Paula J Robson, PhD	
8:15-9:00am	Public Population Project in Genomics: Toward Harmonization of Biobanking Initiatives Isabel Fortier, PhD, the Public Population Project in Genomics (P ³ G) Observatory, Montreal, PQ, Canada	
9:00-9:45am	Networking of Biobanks at the International Level Pierre Hainaut, PhD, IARC, Lyon, France	
9:45-10:00am	Bridging Cohort-Related Research Platforms – Opportunities and Challenges Richard P Gallagher, PhD, British Columbia Cancer Agency, Vancouver, BC, Canada	
10:00-10:30am	Coffee Break	<i>Wildrose Salon A</i>
10:30-12noon	Session 6 Opportunities and Challenges in Specialized Cohorts	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> Christine Friedenreich, PhD	
10:30-11:00am	Specialized Pregnancy Cohorts Jorn Olsen, MD, PhD, University of California, Los Angeles, CA, USA	
11:00-11:30am	Childhood Cancer Survivor Study Cohort Les L Robison, PhD, St Jude Children’s Research Hospital, Memphis, TN, USA	
11:30-12noon	The Women’s Health Initiative and Its Implications for Cohort Studies Ross L Prentice, PhD, Fred Hutchinson Cancer Research Center and University of Washington, Seattle, WA, USA	
12:00-2:00pm	Lunch (Provided)	<i>Primrose Dining Room</i>
2:00-3:30pm	Session 7 Analysis of Molecular Characteristics in Human Diseases	<i>Wildrose Salon B/C</i>
	<i>Moderator:</i> John D Potter, MD, PhD	
2:00-2:45pm	Biological Pathway Analysis: More Powerful and Interpretable Biomarker Discovery Yutaka Yasui, PhD, University of Alberta, Edmonton, AB, Canada	
2:45-3:30pm	Molecular Epidemiology: How far Can Brute Force and Ignorance Take Us? Thomas Lumley, PhD, University of Washington, Seattle, WA, USA	
3:30-4:00pm	Coffee Break	<i>Wildrose Salon A</i>

4:00-5:00pm

Session 8

Wildrose Salon B/C

Banking of Genomic and Epidemiologic Data: Privacy and Data Sharing Implications

Moderator: Gloria Petersen, PhD

4:00-4:30pm

Privacy and Data-Sharing: Friends or Foes?

Bartha Maria Knoppers, PhD, McGill University, Montreal, PQ, Canada

4:30-5:00pm

Public Responses to Issues of Privacy and Data Sharing in Biobanking

Kieran O'Doherty, PhD, University of British Columbia, Vancouver, BC, Canada

5:00-6:00pm

Panel Discussion

Wildrose Salon B/C

Ensuring Longevity of Cohort Studies

Moderator: Paolo Boffetta, MD

Susan E Hankinson, ScD, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, USA

John McLaughlin, PhD, Cancer Care Ontario, Toronto, ON, Canada

Louise Parker, PhD, Dalhousie University, Halifax, NS, Canada

Ross L Prentice, PhD, Fred Hutchinson Cancer Research Center and University of Washington, Seattle, WA, USA

Daniela Seminara, PhD, MPH, National Cancer Institute, Bethesda, MD, USA

Elio Riboli, MD, MPH, ScM, Imperial College London, London, UK

6:00pm

Meeting Adjourned

Day 4

SATURDAY JUNE 20TH

Depart