



Forum Program
Healthy Start, Life-Long Impact: Eradicating Non-Communicable Disease
(Developmental Origins of Health and Disease, DOHaD)

Day 1 September 28		
Time (Eastern time)	Agenda	Speaker/Presenter
11:00 – 11:05	Welcome Introductions, Objectives and the Big Questions	Forum Co-Chairs: Dr. Sandra Davidge , PhD FCAHS Executive Director, Women and Children’s Health Research Institute, Distinguished University Professor, University of Alberta Dr. John R.G. Challis , OC PhD FCAHS FRSC Emeritus University Professor, University of Toronto; Adjunct Professor, Simon Fraser University
PANEL 1		
Health Perspectives and Development of the Brain		
11:05 – 13:10		
11:05 – 11:10	Introduction	Facilitator: Dr. Sandra Davidge PhD FCAHS
11:10 – 11:30	The DOHaD Story	Dr. Stephen Matthews , PhD FCAHS President, DOHaD Canada Professor, Faculty of Medicine, University of Toronto Director of Research, Alliance for Human Development, Mount Sinai Hospital
11:30 – 11:50	Integration of the Developmental Origins of Health and Disease into Adult Medicine: Perspective of Premature Birth	Dr. Anne-Monique Nuyt , MD Chair and Chief, Department of Pediatrics, Faculty of Medicine, Université de Montréal, CHU Sainte-Justine
11:50 – 12:10	DOHaD, Pandemics and Neurodevelopment (or Pandemics and Developmental Trajectories/ Toxic shock?)	Dr. Tessa Roseboom , MD PhD Professor of Early Development and Health, University of Amsterdam
12:10 – 12:30	Maternal and Newborn Mental Health	Dr. Tim Oberlander , MD FCAHS FRCPC Professor, Department of Pediatrics, BC Children’s Hospital Research Institute, University of British Columbia
12:30 – 12:50	Ethics of Neurodevelopmental Research in a Post-Covid World	Dr. Judy Illes , CM PhD FCAHS FRSC Professor of Neurology, University of British Columbia Director, Neuroethics Canada,
12:50 – 13:10	Open Discussion and Summary	Dr. Sandra Davidge and Dr. John R.G .Challis
13:10 – 13:20	BREAK	



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PANEL 2		
Factors Affecting DOHaD		
13:20 – 15:05		
13:20 – 13:25	Introduction	Facilitator: Dr. John R.G. Challis OC PhD FCAHS FRSC
13:25 – 13:45	Preconception and Paternal Influences	Dr. Janice Bailey , PhD Scientific Director, Fonds de recherche du Québec, Nature et technologies
13:45 – 14:05	Nutrition and Microbiome	Dr. Stephanie Atkinson , PhD DSc FCAHS Professor and Nutrition Clinician-Scientist in Pediatrics, McMaster University
14:05 – 14:25	DOHaD and Reproduction	Dr. Deborah Sloboda , PhD Principal Investigator, Canada Research Chair in DOHaD, Health Sciences Centre, McMaster University
14:25 – 14:45	DOHaD and Animal Production	Dr. Marc-André Sirard , PhD DMV Canada Research Chair in Reproductive Genomics, Director, Research Centre for Reproduction, Development and Intergeneration Health, Institute for Nutrition and Functional Foods, Université Laval
14:45 – 15:05	Open Discussion and Summary	Dr. John R.G .Challis and Dr. Sandra Davidge
15:05 – 15:15	BREAK	
15:15 – 16:00	Keynote Presentation	
	Child Health Research: An Investment in Early Life Skills and Future Generations	Dr. Janet Rossant , CC FRSC FRS, President and Scientific Director, The Gairdner Foundation
16:00 – 16:30	Summary and Closing Thoughts	Dr. Alan Bernstein , OC PhD FCAHS FRSC President, CIFAR



Day 2 September 29		
Time (Eastern time)	Agenda	Speaker/Presenter
PANEL 3		
Impact of DOHaD in Populations at Risk		
11:00 – 13:05		
11:00 – 11:05	Introduction	Facilitator: Dr. Shoo Lee , OC MD FCAHS Former Scientific Director, Institute of Human Development, Child and Youth Health, CIHR
11:05 – 11:25	Intergenerational Impact of DOHaD in Indigenous Populations	Dr. Malcolm King , PhD FCAHS Professor, University of Saskatchewan
11:25 – 11:45	Impact of Parental Drugs and Alcohol on Offspring Development	Dr. James Reynolds , PhD Chief Scientific Officer, Kids Brain Health Network, Professor, Queens University
11:45 – 12:05	The Social Environment	Dr. Mike Kobor , PhD Canada Research Chair in Social Epigenetics, Principal Investigator, CCMT, CIFAR, Professor, Department of Medical Genetics, University of British Columbia
12:05 – 12:25	Curtailling Obesity and Metabolic Disease	Dr. Catharine Whiteside , CM PhD MD FRCPC FCAHS Executive Director, Diabetes Action Canada, University of Toronto
12:25 – 12:45	Global Impact of DOHaD	Dr. Stephen Lye , PhD FRCOG FCAHS Senior Investigator, Mouth Sinai Hospital, Executive Director, Alliance for Human Development
12:45 – 13:05	Open Discussion and Summary	Dr. Shoo Lee
13:05 – 13:15	BREAK	
PANEL 4		
Interventions and Changing Policy		
13:15 – 14:40		
13:15 – 13:20	Introduction	Facilitator: The Honourable Dr. Stanley Kutcher , MD FCAHS FRCPC Senator, Senate of Canada
13:20 – 13:40	Inspiring Healthy Futures Through Health Research Excellence and Impact	Dr. Christine Chambers , MA PhD Scientific Director, CIHR Institute for Human Development, Child and Youth Health
13:40 – 14:00	Effective Translation of New Technologies in DOHaD	Dr. Tania Bubela , JD PhD FCAHS FRSC Dean and Professor, Faculty of Health Sciences, Simon Fraser University
14:00 – 14:20	Reaching Government	The Honourable Dr. Stanley Kutcher MD FCAHS FRCPC Senator, Senate of Canada
14:20 – 14:40	Open Discussion and Summary	The Honourable Dr. Stanley Kutcher
14:40 – 14:55	BREAK	



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14:55 – 16:00	PANEL 5 In Conclusion, What we Heard, What was Missing, Lessons Learned and Moving Forward	
14:55 – 15:00	Introduction	Facilitator: Dr. Carol P. Herbert , CM MD DSc CCFP FCFP FCAHS FRACGP (Hon) Professor Emerita, Family Medicine, Western University and Adjunct Professor, School of Population and Public Health, University of British Columbia
15:00 – 15:05	Nursing Perspective	Dr. Cindy-Lee Dennis , PhD FCAHS Faculty of Nursing, University of Toronto
15:05 – 15:10	Veterinary Perspective	Dr. Jay Cross , DMV PhD FCAHS FRSC Professor, University of Calgary
15:10 – 15:15	Neuroscience and Funder Perspective	Dr. Rémi Quirion , OC PhD FCAHS FRSC Chief Scientist of Québec
15:15 – 15:20	Pediatric Perspective	Dr. Judith Hall , OC MD FCAHS FRSC Professor Emerita, UBC and BC Children's Hospital Research Institute
15:20 – 15:25	Dentistry Perspective	Dr. Paul Allison , BDS, RCS PhD FCAHS Professor, Faculty of Dentistry, McGill University
15:25 – 15:30	Public and Policy Perspective	Dr. Eric Meslin , PhD FCAHS FRSC President & CEO, Council of Canadian Academies Adjunct Professor, Dalla Lana School of Public Health, University of Toronto
15:30– 16:00	Open Panel and Audience Discussion	Dr. Carol Herbert
16:00 – 16:20	Summary, Closing Thoughts	Dr. John R.G. Challis Dr. Sandra Davidge