



Paula Rantakallio Symposium on Birth Cohorts and Longitudinal Studies



12 – 14 June 2024

University of Oulu | Oulu | Finland



Suomen Akatemia
Finlands Akademi
Research Council of Finland



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Wednesday 12th June

Time	Title	Speaker	Chair 1	Chair 2
08:30 (1h)	Welcome and registration			
9:30	Opening and introduction			
10	Welcome to the University of Oulu (TBC)	TBC		
15	Welcome to the Paula Rantakallio Symposium 2024	Sylvain Sebert		
9:55 (40 + 10)	Opening lecture: Violence against women and its effect on women and children in a patriarchal setting: A longitudinal cohort study in rural Bangladesh	Ruchira Tabassum Naved <i>Health System and Population Studies Division, International Centre for Diarrhoeal disease research (icddr,b) Dhaka - Bangladesh</i>	Sylvain Sebert	Eero Kajantie
10:45 (30)	Coffee/tea break			
11:15 (20 + 10)	Long paper 1 – Cohort profile: The generation Victoria Birth Cohort	Richard Saffery <i>Murdoch Children's Research Institute, Royal Children's Hospital, Parkville, Victoria, Australia</i>		
11:45 (10 + 5)	Selected abstract 1			
12:00 (10 + 5)	Selected abstract 2			
12:15 (10 + 5)	Selected abstract 3			
12:30 (45)	Lunch break			
13:15 (1h)	Poster walk 1			
14:15 (1h15)	Session 2		Chair	Chair
14:15 (20 + 10)	Long paper 2 – Cohort Profile: The Chinese Life-Course Cohort Study of Multimorbidity	Rui Tai Shao <i>Executive director, special program for Chinese Life-Course Cohort Study of Multimorbidity</i>		

			<i>Chair, Dept. of Chronic Disease & Multimorbidity</i> <i>School of Population Medicine and Public Health</i> <i>Chinese Academy of Medicine Science & Peking Union Medical College China</i>	
14:45 (10 + 5)	Selected abstract 4			
15:00 (10 +5)	Selected abstract 5			
15:15 (10 + 5)	Selected abstract 6			
15:30 (10 +5)	Selected abstract 7			
15:45 (30)	Coffee/tea break			
16:15	Session 3		Chair	Chair
16:15 (40 + 10)	Invited Lecture – Epigenetic clocks and other DNA methylation based biomarkers applied to human cohorts	Steve Horvath <i>Altos Labs Cambridge Institute of Science San Diego – United State of America</i>		
17:05	End of day 1			

17:30	Public conference (in Finnish language)	Chair 1 (University)	Chair 2 (Public)
	Findings from the Northern Finland Birth Cohorts		
17:30	Reproduction and women's health – Tehri Piltonen		
17:45	Dental and oral health – Kirsi Sipilä		
18:00	Physical activity and the environments – Raija Korpelainen		
18:15	Working life and health – Leena Ala-Mursula		
18:30	Information and introduction of the Northern Finland Birth Cohort 1966 follow up in 2026 – Minna Ruddock		
18:45	NFBC participants		
19:00	Reception in the Lobby		
20:00	End of public event		

Thursday 13th June

Time	Title		Chair 1	Chair 2
08:30	Welcome and registration			
09:00	Session 4		Johannes Kettunen	Chair
09:05 (40 + 10)	Invited Lecture: <i>Genetic analysis of the human lipidome identifies novel loci controlling lipid homeostasis with links to cardiometabolic and neurodegenerative disease</i>	Peter Meikle <i>Baker Department of Cardiovascular Research Translation and Implementation, La Trobe University Melbourne – Australia</i>		
9:55 (10 +5)	Selected abstract 8			
10:10 (10 +5)	Selected abstract 9			
10:30 (30)	Coffee/tea break			
11:00	Session 5		Chair	Chair
11:00 (20 + 10)	Long paper 3 – <i>Cohort profile: Making the most of our assets: Population Research UK as a support vehicle for longitudinal population studies</i>	Nicholas Timpson <i>Avon Longitudinal Study of Parents and Children, MRC Integrative Epidemiology Unit, University of Bristol United Kingdom</i>		
11:30 (10 +5)	Selected abstract 10			
11:45 (10 +5)	Selected abstract 11			
12:00 (10 +5)	Selected abstract 12			
12:15 (10 +5)	Selected abstract 13			
12:30 (1h)	Lunch break			
13:30 (1h)	Poster walk 2			
14:30	Session 6		Chair	Chair

14:35 (40 + 10)	Invited lecture 4 – From Aspiration to Accountability: Ethical challenges and societal implications of medical AI	Melanie Goisau <i>European Research Infrastructure for Biobanking BBMRI-ERIC, ELSI Services & Research Unit BBMRI-ERIC Vienna - Austria</i>		
15:30 (30)	Coffee/Tea break			
16:00	Session 7		Chair	Chair
16:00 (20 + 10)	Long paper 4: Matching cohorts and general population surveys for microsimulation	Andrea Piano Mortari <i>Department of Economics and Finance Tor Vergata University of Rome Italy</i>		
16:30 (10 +5)	Selected abstract 14			
16:45 (10 +5)	Selected abstract 15			
17:00 (10 +5)	Selected abstract 16			
17:15 (10 +5)	Selected abstract 17			
17:30	Closing words			
17:30	End of the day			
19:00	Busses to the conference dinner will leave from the market square, address: Kaarleväylä 5			
19:30 – 00:00	Conference dinner at Restaurant Nallikari , address: Nallikarinranta 15			

Friday 14th June

Time (EET)	Title	Chair 1	Chair 2
08:30	Welcome and registration		
09:00	Session 8	Jouko Miettunen	Chair
09:05 (40 + 10)	Invited lecture 5 - Prognosis and treatment effects in schizophrenia – from epidemiological studies to clinical practice	Erika Jääskeläinen <i>Research Unit of Population Health, University of Oulu Finland</i>	
9:55 (35)	Coffee/Tea break		
10:30	Session 9	Chair	Chair
10:30 (20 + 10)	Long paper 5 - How does the social become biological? Is inflammation the answer?	Naomi Priest and David Burgner <i>Centre for Social Policy Research, Australian National University, Australian Capital Territory Australia</i> <i>Murdoch Children's Research Institute, Victoria, Australia</i>	
11:00 (10 +5)	Selected abstract 18		
11:15 (10 +5)	Selected abstract 19		
11:30 (10 +5)	Selected abstract 20		
11:45 (15)	Short break		
	Session 10	Tiina Ikäheimo	Chair
12:00 (40 + 10)	Closing lecture: Climate changes health	Kristie Ebi <i>Center For Health and the Global Environment, University of Washington, Seattle United States of America</i>	
12:50 (10)	Farewell and closing remarks		
13:00	Conference ends and lunch		

