



**Conference on Epidemiological Birth Cohort Studies
Dedicated to the memory of Professor Paula Rantakallio**

Thursday 12 – Friday 13 June, 2014
Kastelli Research Center, Auditorium, Aapistie 1, Oulu, Finland

Organized by The Northern Finland Birth Cohort Studies (<http://www.oulu.fi/nfbc/>)
University of Oulu, Finland (<http://www.oulu.fi/>)

Registration by Friday 30 May, 2014, www.oulu.fi/nfbc

Program

Thursday June 12th

8.30 – 9.00	Coffee
Session I	Chair, Juha Veijola, University of Oulu
9.00 – 9.15	Opening words Kyösti Oikarinen, Dean of the Medical Faculty, University of Oulu
9.15– 9.45	A New Dawn for Longitudinal Studies Marjo-Riitta Järvelin, University of Oulu, Imperial College London
9.45 – 10.15	Contributions of Finnish Twin Cohort Studies to Understanding Use and Abuse of Alcohol Richard J. Rose, Indiana University
10.15– 10.45	Computational medicine: a multidisciplinary and global endeavour to understand health and disease aetiology Mika Ala-Korpela, University of Oulu & University of Bristol
10.45 – 11.15	Benefits of cohort studies for child and adolescent psychiatry Irma Moilanen, University of Oulu
11.15 – 12.30	Lunch
Session II	Chair, Marjo-Riitta Järvelin, University of Oulu, Imperial College London
12.30 – 13.00	Population Neuroscience of the Adolescent Brain Tomas Paus, University of Toronto
13.00 – 13.30	Musculoskeletal research in Northern Finland Birth Cohorts Jaro Karppinen, University of Oulu
13.30 – 14.00	From infancy to middle-age: a mental journey through NFBC 1966 Graham Murray, University of Cambridge



14.00 – 14.30	Coffee
14.30 – 15.00	Physical activity and fitness during the lifecourse Tuija Tammelin, LIKES – Research Center for Sport and Health Sciences
15.00 – 15.30	Prevalence and background factors of temporomandibular disorders Kirsi Sipilä, University of Eastern Finland
15.30 – 16.00	Preterm birth and maternal pregnancy disorders as models to understand early origins of adult health and disease Eero Kajantie, National Institute for Health and Welfare
18.00 -	Dinner at the restaurant Rauhala, Mannenkatu 4, Oulu

Friday June 13th

8.45 – 9.15	Coffee
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Session I

	Chair, Minna Männikkö, University of Oulu
9.15 – 9.45	Polycystic Ovary Syndrome: what have we learned from the cohort studies Laure Morin-Papunen, Oulu University Hospital
9.45 – 10.15	Using population isolates in disease genetics Aarno Palotie, Institute for Molecular Medicine Finland
10.15– 10.45	Complex disease genetics: moving beyond GWAS to impact on population health Mark Daly, Harvard Medical School
10.45 – 11.15	Development of schizophrenia from a lifespan perspective within the Northern Finland 1966 Birth Cohort Study Matti Isohanni, University of Oulu
11.15 – 12.30	Lunch
12.30 – 13.00	Dispositional optimism in NFBC-1966, relations and antecedents Ellen Ek, University of Jyväskylä
13.00 – 13.30	Early adversity, epigenome and adolescent obesity Zdenka Pausova, University of Toronto
13.30 – 14.00	Design options in cohort studies: Sampling-based alternatives to a census of the study population Esa Läärä, University of Oulu
14.00 – 14.30	The Fetal Footprint Wayne Cutfield, University of Auckland
14.30 – 14.45	Closing words Juha Veijola, University of Oulu

