FIMM
Institute for Molecular Medicine Finland
Nordic EMBL Partnership for Molecular Medicine

SEQUENCING INITIATIVE SUOMI (SISU) SYMPOSIUM SPEAKERS
August 26, 2014

Professor Aarno Palotie

Professor Aarno Palotie is the Research Director of the Human Genomics program at the Finnish Institute for Molecular Medicine (FIMM) in Helsinki and a faculty member at the Broad Institute of MIT and Harvard and Massachusetts General Hospital in Boston. Aarno received his MD and PhD degrees at the University of Oulu his speciality in Clinical Chemistry at the University of Helsinki. His past positions include professorships at the University of Helsinki, University of California Los Angeles (UCLA), Director of the Finnish Genome Centre at the University of Helsinki and a Senior Group Leader at the Wellcome Trust Sanger Institute.

Aarno is the chair of the International Headache Genetics Consortium and the co-chair of the neurodevelopmental arm of the UK10K project which has sequenced the exome of 3000 schizophrenia and autism cases.

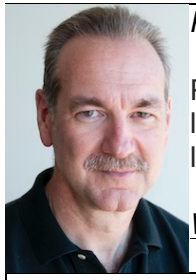
Web page https://www.fimm.fi/en/research/groups/palotie

Assistant Professor Daniel MacArthur

Prof. MacArthur is a group leader within the Analytic and Translational Genetics Unit at Massachusetts General Hospital. He is also assistant Professor at Harvard Medical School and a research affiliate at the Broad Institute of Harvard and MIT. His current research focuses on the extraction of functional information from massive-scale human DNA sequence data.

Web page http://www.macarthurlab.org/home/people

UNIVERSITY OF HELSINKI



Professor Richard Wilson

Prof. Wilson is a director of the Genome Institute at Washington University in St. Louis. He is an expert in molecular genetics and large-scale DNA sequence analysis, and his laboratory at the Washington University School of Medicine is among the world's leaders in genome analysis.

Web page http://genome.wustl.edu/people/individual/richard-wilson/

Professor Leif Groop

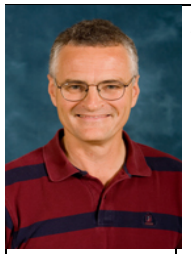
Prof. Groop is Professor of Endocrinology at Lund University, Director of LUDC (Lund University Diabetes Centre), Sweden and FiDiPro Professor at the Institute for Molecular Medicine Finland (FIMM). His research is focused on the dissection of the heterogeneity of diabetes but also to explore the pathogenic events leading to type 2 diabetes. The research group has been involved in many of the genetic discoveries on type 2 diabetes during the past 15 years, including one of the first whole genome association studies for type 2 diabetes. He is a member of the Swedish Royal Academy of Science, he has served on numerous editorial boards and achieved several international recognitions, including the Claude Bernard, Anders Jahre, Fernströms and MattiÄyräpää awards.

Web page http://www.ludc.med.lu.se/research-units/diabetes-and-endocrinology/group-members/head

Professor Mark McCarthy

Prof. McCarthy is Robert Turner Professor of Diabetes at the University of Oxford, UK, Chairman of the Oxford Centre for Diabetes, Endocrinology and Metabolism (OCDEM) and Consultant Endocrinologist at the Oxford University Hospitals Trust. His group has played a leading role in international efforts in type 2 diabetes and obesity genome wide association studies. He is one of the leading principal investigator in current large whole genome and whole exome studies.

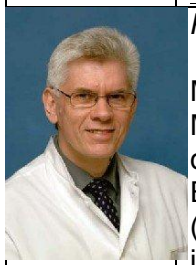
Web page http://www.ndm.ox.ac.uk/principal-investigators/researcher/mark-mccarthy



Professor Michael Boehnke

Prof. Boehnke is the Richard G. Cornell Distinguished University Professor of Biostatistics, and the Director of the University of Michigan Center for Statistical Genetics, USA. He is a member of the Institute of Medicine of the National Academy of Sciences. He is a leader in building large, multi-study consortia for genetic studies and in developing new statistical methods for disease mapping.

Web page http://www.sph.umich.edu/iscr/faculty/profile.cfm?uniqname=boehnke



Professor Markku Laakso

Markku Laakso, M.D is Professor of Medicine at the Department of Medicine, University of Kuopio.
Main interests in research of Dr. Markku Laakso are cardiovascular complications of type 2 diabetes and the genetics of type 2 diabetes and insulin resistance. His research team belongs to the Centre of Excellence at the Academy of Finland (Centre of Excellence for Research in Cardiovascular Diseases and Type 2 Diabetes), and to the Centre of Excellence Network in Europe (European Network on Functional Genomics of Type 2 Diabetes (EUGENE2). He has achieved several international recognitions includingKnut Lundbaeck Award, Novo Nordisk Foundation Award and Castelli Pedroli Prize.

Web page http://www.uef.fi/fi/genediagnostics/laakso

Research Professor Veikko Salomaa

Veikko Salomaa, MD, PhD, is a Research Professor at the National Institute for Health and Welfare (THL), Helsinki, Finland, where he serves as the Head of the Chronic Disease Epidemiology and Prevention Unit. He is a specialist in internal medicine and has over 30 years of experience in cardiovascular and genetic epidemiology. He is an Editorial Board member of the European Journal of Preventive Cardiology and has participated in several large research consortia on genomics of cardiometabolic diseases and other traits.

Professor Samuli Ripatti

Samuli Ripatti, Ph.D. is a Professor of Biometry at University of Helsinki and FIMM-EMBL Research Group Leader at FIMM. Samuli Ripatti received his Ph.D. from Stockholm University in 2002. Between postdoc periods at Karolinska Institutet and National Public Health Institute Finland he worked as a partner in a start-up company focusing on Internet technologies. He has worked as a group leased at FIMM since 2010, an Honorary Faculty Member at Wellcome Trust Sanger Institutet, UK since 2011 and a professor at Medical Faculty since 2013.

The Ripatti group studies genome-wide variation and its relation to complex traits and diseases, with a particular focus, but not limited to, on cardiovascular diseases and metabolism. We build on our understanding of genome-wide variation, Finnish genetically and epidemiologically well-profiled cohorts and knowledge and development of statistical and computational tools, and aim at identifying variants, genes and genetic loci modifying complex disease risks. We also study ways to translate the findings into potential intervention targets and comprehensive disease risk assessments.

Web page https://www.fimm.fi/en/research/groups/ripatti

Doctor Jeffrey Barrett

Dr. Barrett is a group leader and statistical geneticist at the Wellcome Trust Sanger Institute, UK, where he is working on both the general methodology for complex trait gene hunting and the specific follow-up projects of inflammatory diseases like IBD and infectious diseases like tuberculosis. Jeff is also excited to take advantage of the unique capabilities of the Sanger Institute, including genome-wide sequence and transcription datasets. He is involved in a number of international consortia, including the International IBD Genetics Consortium, the UK10K and Deciphering Developmental Disorders.

Web page http://www.sanger.ac.uk/research/faculty/jbarrett/

Associate Professor Mark Daly

Mark Daly is a senior associate member of the Broad Institute and co-director of the Program in Medical and Population Genetics. His research primarily focuses on the development and application of statistical methods for the discovery and interpretation of genetic variation responsible for complex human disease. As founding chief of the Analytic and Translational Genetics Unit at Massachusetts General Hospital, he also has an expanded focus on the interpretation of genome sequence and the use of genome information in clinical settings.

Web page http://www.broadinstitute.org/scientific-community/science/programs/medical-and-population-genetics/mark-daly

Assistant Professor Benjamin Neale

Benjamin Neale is an assistant professor in the Analytic and Translational Genetics Unit at Massachusetts General Hospital (MGH), instructor in medicine at Harvard Medical School (HMS), and an associated researcher at the Broad Institute. Neale is strongly committed to gaining insights into the genetics of common, complex human diseases.

Web page http://www.broadinstitute.org/scientific-community/science/programs/psychiatric-disease/stanley-center-psychiatric-research/benjam