SEQUENCING INITIATIVE SUOMI (SISU) SYMPOSIUM

August 26, 2014

Biomedicum 1, Lecture hall 1, Ground floor
(Address: Biomedicum 1, Haartmaninkatu 8, 00029 Helsinki)

Registration by August 21
Credits for students 0.5 ECTS (confirmed participation)

Sponsored by Doctoral Programme in Biomedicine (DPBM), Finnish Academy of Science and Letters, Illumina, Perkin Elmer

Programme
Preliminary presentation titles to be confirmed with speakers

8:00-8:30	Coffee
	Session I– The SISu project **Chair Aarno Palotie, FIMM**
8:30-9:00	Aarno Palotie, FIMM Welcome from the organizers *The SISu project, a basis for Finnish genomic medicine*
9:00-9:30	Daniel MacArthur, Broad Institute of MIT and Harvard *Loss of function variants, a shortcut for drug targets*
9:30-10:00	Richard Wilson, Washington University in St. Louis *Opportunities and limitations of high throughput sequencing*

| 10:00-10:30 | Coffee and exhibition (Atrium C2, Ground floor) |

Session II –Diabetes
Chair: Leif Groop, Lund University

10:30-11:00   Leif Groop Lund University
                   Genetics of type 2 diabetes, from families to rare
                   variants

11:00-11:30   Michael Boehnke
                   Identifying genes for type 2 diabetes and
                   related traits

11:30-12:00   Mark McCarthy, University of Oxford
                   Finding diamonds in the sand: insights into the
                   biology of diabetes from human genetics and
                   genomics

12:00—13:00   Lunch and exhibition
                   (For speakers: Faculty club 6th floor)

Session III - Cardiometabolic diseases
Chair: Samuli Ripatti, FIMM

13:00-13:30   Samuli Ripatti, FIMM
                   How imputations boosts low frequency variants
                   association studies

13:30-14:00   Markku Laakso, University of Eastern Finland
                   The METSIM study, a regional male cohort

14:15-14:45   Coffee and exhibition (Atrium C2, Ground floor)
14:45-15:00   Sponsors

Session IV: Neuropsychiatric diseases
Chair: Nelson Freimer, UCLA

15:00-15:30   Jeffrey Barrett, Wellcome Trust Sanger Institute
15:30-16:00   Mark Daly, Broad Institute of MIT and Harvard
16:00-16:30   Ben Neale, Broad Institute of MIT and Harvard