

GenomEUtwin Statistical core meeting

May 21 and 22, 2004, Leiden

Location:

Leiden University Medical Center, main building.

Friday May 21: room J1-117. Saturday May 22: room J1-116.

Note: lunch is provided both on Friday, from 13:00 on, and on Saturday, at 13:00.

Program:

Friday May 21, 2004

13:00	<i>Lunch is provided</i>	
	<i>Opening</i>	
13:30	Dorret Boomsma (Amsterdam)	Statistical Needs in GenomEUtwin
	<i>Standard QTL linkage analysis in a single scan (Guidelines are needed by the data-base core)</i>	
13:50	Kenneth Lange (UCLA)	Overview of Mendel
14:20	Janet Sinsheimer (UCLA)	Variance Components Models
14:50	Break	
	<i>Extensions of QTL linkage analysis</i>	
15:10	Claus Ekstrom (Copenhagen)	QTL linkage analysis and heterogeneity
15:40	Hein Putter/Hans van Houwelingen (Leiden)	Two-locus models
16:00	Jeanine Houwing-Duistermaat (Leiden)	Global tests for linkage
16:20	Break	
	<i>Analysis of pooled data sets using possibly different marker sets (such data sets on height and weight (BMI) have been collected and are being analyzed in Helsinki and Leiden at the moment)</i>	
16:40	Markus Perola (Helsinki)	Analysis by creation of a pooled data set
17:10	Jeremie LeBrec/Hans van Houwelingen (Leiden)	Pooling output of separate analyses based on different marker sets
17:40	End	

Saturday May 22, 2004

Linkage on selected data sets (selected samples are collected for a joint GenomEUtwin scan on height and BMI; such selections optimally exploit the large twin registries in GenomEUtwin)

09:30	Hein Putter/Hans van Houwelingen (Leiden)	Selective sampling revisited
09:50	Jacob Hjelmberg (Odense)	Selection for longitudinal data
10:10	Hein Putter (Leiden)	Analysis of selected data by Merlin
10:30	Break	

Linkage and association in families

10:50	Danielle Posthuma (Amsterdam)	Joint linkage and association in twin data
11:20	Juni Palmgren (Stockholm)	Joint linkage and association using family data
11:50	Joe Terwilliger (Columbia)	1) Analyzing mixed data by pseudo-markers 2) Building real-life simulation models
12:30	Eric Sobel (UCLA)	Quantitative association
13:00	Lunch	
