

**Course MF9460: Introduction to Genetic Epidemiology**

17. november

-----

9.00 Registration (Reception Main entrance Domus Medica)

9.15-12.15 Introduction into genetic epidemiology (Forelesning) (Nye Auditorium Domus Medica)

13.00-16.00 Linkage analysis: Introduction to linkage analysis and LOD-scores (Forelesning) (Nye Auditorium Domus Medica)

18. november

-----

9.00-11.45 Linkage analysis: Haplotype analysis and more about LOD-scores (Forelesning) (Lille Auditorium Domus Medica)

12.30-14.00 Linkage analysis: Multipoint-analysis (Forelesning) ) (Lille Auditorium Domus Medica)

14.30-16.00 Merlin (PC-Øvelse) (PC stue - R211 Domus Medica - New part)

19. november

-----

9.00-10.30 Linkage analysis: Power-calculation for linkage studies(theoretical og clinical aspects) (Forelesning) (Lille Auditorium Domus Medica)

10.45-12.00 Linkage analysis: Power-calculation for linkage studies(theoretical og clinical aspects) (PC-Øvelse) (PC stue - R211 Domus Medica - New part)

12.45-14.15 Association analysis: Linkage disequilibrium and tag SNPs (Forelesning) (Lille Auditorium Domus Medica)

14.30-16.00 Association analysis: Linkage disequilibrium and tag SNPs (PC-Øvelse) (PC stue - R211 Domus Medica - New part)

20. november

-----

9.00-10.30 Association analysis: Analysis of SNP data (Forelesning) (PC stue - R211 Domus Medica - New part)

10.45-12.15 Association analysis: Analysis of SNP data (PC-Øvelse) (PC stue - R211 Domus Medica - New part)

13.15-15.00 Analysis of sequencing data (Forelesning) (Lille Auditorium  
Domus Medica)

21. november

-----

9.00-10.30 Association analysis: Multiple testing, Population  
stratification and powercalculation for association studies  
(Forelesning) (Nye Auditorium Domus Medica)

10.45-12.30 Association analysis: Multiple testing, Population  
stratification and powercalculation for association studies (PC-Øvelse) (PC  
stue - R211 Domus Medica - New part)

13.30-15.00 Genome-wide association studies (Forelesning) (Nye Auditorium  
Domus Medica)