



ANNUAL MEETING IN “DANISH SOCIETY OF GENETIC EPIDEMIOLOGY”

“Precision medicine and personalized treatment in Denmark – time for a new and promising concept”, March 18, 2016

There is large individual variation in the efficacy and risk of adverse reactions of most drugs. That is, individuals with the same diagnosis and same prescription often respond differently. Both lack of efficacy and adverse reactions is a problem to the single patient besides being an economic burden to the health care system. Accordingly, attention has been focused upon treatment on the individual level, also known as personalized medicine or precision medicine. The upcoming annual meeting in the Danish Society of Genetic Epidemiology highlights this field.

Place: University of Southern Denmark, Campusvej 55, DK-5230, Odense M.

Meeting takes place in Room 100 (<http://vejviser.sdu.dk/opslag?lid=2678>)

Program

8.15 - 9.00	Registration with coffee, tea and breakfast.
9.00 - 9.05	Welcome
9.05 - 9.25	National initiative for personalized medicine. Erik Jylling, Danske Regioner.
9.25 - 9.45	Individual variation in drug response. Gesche Jürgens, Unit of Clinical Pharmacology, Roskilde University Hospital.
9.45 - 10.05	Occurrence of drug adverse reactions in Denmark. Kim P. Dalhoff, Department of Clinical Pharmacology, Bispebjerg University Hospital.
10.05 - 10.25	Using the national health registers and prescription data to extract drug response data and develop personalized medicine. Jesper Hallas, Research Unit of Clinical Pharmacology, University of Southern Denmark.
10.25 - 10.50	Coffee break.
10.50 - 11.10	Using the National Health Registers to obtain information about treatment of psychiatric diseases. Christiane Gasse, National Centre for Register-based research, Aarhus University.
11.10 - 11.30	Analyzing disease trajectories from National Health Registry data. Wesley Thompson, Institute of Biological Psychiatry, Mental Health Centre Sct. Hans.
11.30 - 11.50	Extracting drug response phenotype data from medical records. Søren Brunak, the Novo Nordisk Foundation for Protein Research, University of Copenhagen.

- 11.50 - 12.10 Introducing pharmacogenetics – focus on single genes. Kim Brøsen, Department of Clinical Biochemistry and Pharmacology, University of Southern Denmark.
- 12.10 - 12.30 Identification of genes with low effect sizes by network and pathway-based approaches – beyond Bonferroni and genome-wide significance. Haja Kadarmideen, Animal Genetics, Bioinformatics, and Breeding, University of Copenhagen.
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- 12.30 -13.15 Lunch.
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- 13.15 - 13.35 Prediction based on genomic data. Mogens Sandø Lund, AU Foulum.
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- 13.35 -13.55 Etiological heterogeneity of a disorder and its importance to drug response - diabetes. Niels Grarup, the Novo Nordisk Foundation Center for Basic Metabolic Research University of Copenhagen.
- 13.55 -14.15 Etiological heterogeneity of a disorder and its importance to drug response – cardiology. Jacob Tfelt Hansen, the Heart Centre, University Hospital Rigshospitalet, Copenhagen.
- 14.15 - 14.35 Etiological heterogeneity of a disorder and its importance to drug response – cancer. Christina Westmose Yde, Center for Genomic Medicine, University Hospital Rigshospitalet, Copenhagen.
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- 14.35 - 14.55 Coffee break.
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- 14.55 - 15.15 “Genome Denmark” and personalized medicine. Esben Flindt, GenomeDenmark, Copenhagen Biocenter.
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- 15.15 - 15.50 Panel discussion.
- 15.50 - 16.00 Rounding off and finish of meeting.
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Registration and Congress fee: Please register using the link on the homepage of the society (<http://www.dsge.dk/>) and transfer DKK 100 to the bank account of the society: Danske Bank, konto 4420-4420472226. Remember to provide your name on the bank transfer.
Lunch, coffee, cake/fruit are included.

The meeting is sponsored by Thermo Fisher Scientific and AROS Applied Biotechnology A/S.

