

**Title of the course:**

Hypertension and cardiovascular ageing – Bridging basic research and clinical science

**Aim:**

- 1) Based on the hypothesis that cardiovascular disease is related to early vascular ageing we aim to bridge basic research and clinical science connecting new research in ageing with development of subclinical cardiovascular damage and clinical cardiovascular disease primarily in hypertension.
- 2) To help Nordic PhD student to develop research networks among other Nordic PhD students as well as among different senior Nordic researchers within the area of cardiovascular disease.

**Content:**

The content of the course can be divided in following six parts:

- I) Genetics for ageing and cardiovascular disease
- II) The pathogenesis of hypertension
- III) Subclinical CV damage and risk calculation
- IV) Secondary hypertension
- V) Clinical trials, guidelines and daily practice
- VI) Conclusions

**Participants.**

PhD students

**Language.**

English

**Form.**

Short “State of the art” lectures followed by lively discussions supplemented with two sessions during which the participants shall present their work followed by short expert comments and discussions.

**Course director.**

Associated professor Michael Hecht Olsen

**Sponsor.**

The joint Committee of the Nordic Medical Research Councils (NOS-M) and DaCRA

**Teachers.**

Hans Ibsen, Michael H. Olsen, Boye L. Jensen, Kent L. Christensen, Peter Nilsson, Thomas Kahan, Karin Manhem, Lars Lindholm, Sverre E. Kjeldsen, Ingrid Toft, Eva Gerdtts, Ingrid Os, Rune Mo, Frej Fyhrquist, Ilkka Kantola, Antti Jula, Olle Melander, Gun Jörneskog/Majid Kalani, Børge Nordestgaard, Christian Aalkjær, Lia Bang, Tine Hansen, Torben Jørgensen, Jørgen Jeppesen, Kristian Wachtell, Jacob Møller, Jens Berning, Michael Larsen, Carl Erik Mogensen, Tine W. Hansen, Marie Frimodt-Møller, Troels Thomsen, Ulrik Andersen, Per Løgstrup

**Dates:**

May 13-15 2009

**Place.**

Hotel Frederiksdal, Frederiksdalsvej 360, 2800 Kgs. Lyngby, Denmark

**Fee.**

Euro 200

**Course secretary.**

Anne-Grethe Thorn  
Department of Internal Medicine  
Glostrup University Hospital  
Ringvejen, 2600 Glostrup, Denmark

**Registration:**

Interested PhD students have to apply by sending an application in which the PhD students have to give the reason for application, describe their PhD project and enclose their CV before February 1<sup>st</sup> 2009 to the course director:

Associated professor Michael Hecht Olsen  
Department of Internal Medicine  
Glostrup University Hospital  
Ringvejen, 2600 Glostrup, Denmark

Based on curriculum vitae and application the organizing committee will select the participants and give them notification by March 1<sup>st</sup> 2009 enable them to forward by email a portrait picture and 10-20 lines summarizing their background and research interest to Michael Hecht Olsen ([mho@dadlnet.dk](mailto:mho@dadlnet.dk)) within April 1<sup>st</sup> 2009.

Furthermore, participants are asked to prepare a 7 min talk about their research, which has to be forwarded to Michael Hecht Olsen by email [mho@dadlnet.dk](mailto:mho@dadlnet.dk) by April 1<sup>st</sup> 2009 enable the organizers to prepare a 3 min evaluation.