



Danish Cardiovascular Research Academy

PhD-Scholarships within Cardiovascular Sciences

Danish Cardiovascular Research Academy is a national graduate school aimed to stimulate research and training of PhD students within cardiovascular sciences. DaCRA is funded by The Danish Research Agency, the 3 Faculties of Health Sciences and private partners. See our web site www.dacra.dk for further information about the Academy.

A number of PhD scholarships are available for qualified applicants from January 1, 2007. The scholarships are dedicated one of the following research areas and will be allocated to research centers at Copenhagen and Aarhus Universities:

- **Propagated vascular responses in arterioles: intra and intercellular signalling**
- **Protective mechanisms of melanocortin in experimental acute renal failure**
- **Vascular effects of uremia**
- **Studies on apolipoprotein M in new gene-modified mouse models**
- **Modulation of cardiac hERG potassium channels as a new antiarrhythmical principle**
- **Calcium activated potassium channels in the heart**
- **Renal vascular ion channels: physiology and pathofysiologi**
- **Can bleeding associated with acute liver damage be ameliorated by NN1731, a new generation of hemostatic agents?**
- **Genetic and molecular mekanisms underlying arrhythmic right ventricle cardiomyopathy and sudden unexpected death**
- **Atrial fibrillation in youngsters: a genetic disease?**
- **Development of nanoparticles for imaging of atherosclerosis and vulnerable plaques**
- **Development of preclinical animal models for human atherosclerosis**
- **Pharmacotherapy of endothelial cell dysfunction**

A more detailed description of each project can be seen on the website www.dacra.dk under "Opslag af ph.d.-stipendier". Potential applicants should make contact to the relevant supervisor for more detailed informations about the specific projects.

Applicants must have a relevant master's degree (e.g. medicine, biology, biochemistry or similar) and successful applicants must be enrolled in a study a 3 years PhD-study program at one of the universities.

The letter of application should include a detailed research protocol for specific project proposed (max. 5 pages), curriculum vitae and a copy of the master's degree certificate. It should be explained why the research project is of interest for you and why you are particularly qualified for this scholarship.

Applications in 6 copies labelled "Cardiovascular PhD" should be addressed to Danish Cardiovascular Research Academy, att. Professor Sten Christensen, Department of Pharmacology, University of Copenhagen, Blegdamsvej 3, 2200 Copenhagen N, *and received not later than noon September 1, 2006.*