

CV - HENNING BUNDGAARD

Professional address:

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Personal information:

Born September 27, 1961.

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Education:

MD (1988), PhD (1997), internal medicine (2003), cardiology (2004), Dr.Med. (2005). Fellowship in Cardiology in Sydney, Australia 2002-2004.

½ time employment in The National Board of Health 1996-2002.

Position:

Professor (2015), consultant in cardiology (2007), the Heart Center, Rigshospitalet, University of Copenhagen.

- Head, Capital Region's Unit for Inherited Cardiovascular Disease.
- Head, Clinical Academic Group "Precision diagnostics in cardiology", 2017.
- Head, NordForsk project, 2019

Scientific focus areas:

- Cardio-genetics, inherited cardiac diseases, hypertrophic cardiomyopathy, heart failure, sudden cardiac death.
- Personalised medicine in cardiology, focussing on precision diagnostics.
- PI of RCTs of beta III adrenoceptor agonist treatment in heart failure.
- PI of RCT of treatment of patients with infectious endocarditis (n=400) (NEJMx2).
- Co-PI of the Copenhagen Baby Heart study, which aims to include 25.000 newborns in Copenhagen (2016-2018) assessed by ECG and echocardiography, with blood samples and data on family, pregnancy and delivery + prenatal scanning data.
- PhD and doctoral thesis: Na,K-pump regulations in muscles and heart.

International relations:

- PI of the Nordic PerMed collaboration project: Precision Diagnostics and Predictions in Ischemic Heart Disease including Identification of Over-Treated Patients. Granted dkr 29 mio.
- Head of H2020 consortium; Personalised medicine in ischemic heart disease. Stage 1 application submitted; obtained score 3.5 (threshold ≥4). 8 countries involved. Alternative calls searched.
- Initiator of the web-based "Scandinavian PTSMA-database", now extended to include Germany, the Czech Republic and the Netherlands.
- Co-chair, Nordic HCM registry.
- Participant, Nordic ARVC Registry.
- Active participant, EU programme (ERN) on inherited cardiac diseases.
- Professor Rasmussen H, Sydney: Na,K-pump regulation in heart diseases .
- Professor Ho C, Brigham and Women's Hospital, Boston,: RCTs in hypertrophic cardiomyopathy in children and adolescents. Additional work on animal HCM models.

Supervision of PhD and Medical Students:

- Past supervisor for 10 Ph.D. projects.
- Current supervisor for 8 Ph.D. students.
- Current supervisor for 6 medical students.

Management Experience:

- Head, Clinical Academic Group: Precision diagnostics in cardiology, 2017.
- Lead position in establishing the sub-speciality “inherited cardiac diseases” in cardiology in Denmark and in establishing and currently heading the Unit for Inherited Cardiac Diseases, Rigshospitalet (now REAH for The Capital Region).
- Danish Board of Health, 7 years’ part-time: development and organisation of physician post-graduate training and specialisation.
- Organiser of scientific meetings and conferences.
- Chair/participant in development of several cardiology guidelines.
- Member, Danish Heart Foundation research council.
- Member, Academic Council of Copenhagen University and Copenhagen University Hospital Board.
- Member of working group on establishment of the knowledge database (chair of the sub-group The Danish Clinical Genomic Database (Mid 2018 to 2019)), The Danish National Genome Center.

Press relations

- Multiple interviews and press releases related to cardio-genetics, sudden cardiac death, ethics related to genetics, endocarditis, etc. in all major Danish newspaper, radio and TV (DR, TV2) and in several international press media related to oral presentations of four international late breaking clinical trials.

Bibliographic overview:

No. of publications (WoS): 205.

First authorships: 23

Corresponding authorships: 26

Citations: 2044. H-index: 32.

Patent: Treatment of heart failure in humans with beta 3 AR agonists.

Link to complete list of publications: <https://orcid.org/0000-0002-0563-7049>