

Jens Kastrup MD DMSc Professor

Date of Birth: May 11, 1951.

Training:

1980 M.D. University of Copenhagen.
1994 Specialist in Cardiology
1995 Specialist in Internal Medicine

Doctoral dissertation

1988 Doctor of Medical Sciences (DMSc.), University of Copenhagen. " The diabetic arteriole: The impact of diabetic microangiopathy on microcirculatory control"

Relevant appointments:

1984 - 86 Research fellow at the University of Copenhagen.
1995 - 96 Chief Physician at Dept. of Cardiology, Bispebjerg Hospital, Copenhagen.
1996 - Chief Physician at Dept. of Cardiology, The Heart Centre, Rigshospitalet
2005 - 2010 Clinical Associate Professor at the University of Copenhagen (50% research and 50% patients care)
2010 - Clinical Professor in Cardiology/Translational Medicine – Regenerative gene- and stem cell therapy within Cardiology at the University of Copenhagen.

Present and recent administrative functions

2001 - Member of the Research Council of the Heart Centre and chairman since 2005.
2001 - 2010 Member of the Research Council at Rigshospitalet
2006 - 2010 Danish member of the Gene Therapy Working Party, EMEA, London, GB
2006 - 2009 Member of the board of the Danish Society of Cardiology.
2007 – 2009 Chairman of the Research Council at Rigshospitalet.
2007 – 2010 Member of the Strategic Research Council in the Capital Region of Denmark
2007 - Member of the board of the Danish Society for Stem Cell Research
2008 - Member of the Research Council of the Faculty of Health Sciences, University of Copenhagen.
2008 - 2011 Member of the board of Danish Society for Theoretic and Applied Therapy
2008 - Member of the Capital Region of Denmark European Union Advisory Board
2010 - National representative in the European Association For Predictive, Preventive & Personalised Medicine EPMA in Denmark and member of the editorial board of the journal EPMA.

Research awards

2003 The Danish Society of Cardiology Scientific Research Award
2010 Niels Alexander Lassen Foundation Research Award
2012 Family Hede Nielsen Research Award.

Invasive experience:

Since 1996, performed approximately 7000 coronary angiographies, 4000 PCI procedures and 300 NOGA procedures.

Academic Work:

Scientific referee of 19 Doctor of Medical Sciences and Ph.D. theses and four professorships. Lecturer for PhD students and medical students since 2002. Editor Textbook in Medicine 2012, FADLs Forlag.

GCP-experience

Established and conducted several clinical trials, which have been monitored and inspected by the Copenhagen GCP-unit. GCP training course and passed examination September 2012.

Scientific Work:

Author or co-author of 234 publications in International and Danish Journals, and books. Speaker at 125 national and international conferences or symposia.

Main scientific supervisor for:

Five finalised Doctor of Medical Sciences, eight PhD theses, three PhD-students and several Oswald/bachelor and candidate projects.

Patent

A European patent (No. PA 2008 00089 'Classification of individuals suffering from cardiovascular diseases according to survival prognoses as found by measuring the levels of biomarker YKL-40') was issued on 23 January 2008, and is exclusively licensed to Jens Kastrup.

Established research programs

From 1988 – 2001 I established and were the leader of a research facility to investigate central end peripheral nervous and structural changes regulation of blood flow in skeletal muscle, subcutaneous and cutaneous tissue in patients with heart failure and cardiac transplanted patients. Three Doctor of Medical Sciences and one PhD theses was finalised from the laboratory.

From 2001 I have established a Cardiology Stem Cell Research Laboratory, which has the necessary equipment for stem cell isolation, growth and characterization, and a tissue center with a stem cell culture facility, which is approved by the Danish Medicines Agency for stem cell culture expansion for clinical trials. We have established several clinical trials with culture expanded mesenchymal stromal cells, genes and medical bone marrow mobilization of stem cells in patients with acute and chronic ischemic heart disease and heart failure patients. One Doctor of Medical Sciences and four PhD theses has been finalised from the laboratory.

The entire research group consists currently of 13 members (5 post-doctoral fellows, 3 Ph.D.-students, 2 technicians, 1 research fellow and 2 research study nurses).