Claus Svane Sondergaard, Ph.D.

Clinical Interests Dr. Dondergaard's research focuses on human stem and progenitor cells of hematopoietic, mesenchymal and endothelial lineages and their potential to mediate tissue regeneration in pre-clinical animal models. His current research specifically focuses on the development of an implantable stem cells and extra cellular matrix scaffold device for cardiovascular repair.

Title Visiting Assistant Professor

Specialty Surgery - Cardiothoracic

Department Surgery

Division Cardiothoracic Surgery

Languages Danish, German

Education
Ph.D., Aarhus University, Aarhus, 2008
B.S., Aarhus University, Aarhus, 1999
M.S., Aarhus University, Aarhus, 2003

Internships Washington University, School of Medicine, St Louis, MO, 2005

Professional Memberships
American Association for the Advancement of Science
International Placental Stem Cell Society

Honors and Awards
Stem Cell Training Program Award, California Institute for Regenerative Medicine, 2011
Travel Award, Danish Heart Association, 2006
Travel Award, Danish Cancer Society, 2004
Scholarship, Danish Stem Cell Doctoral School, 2004
Scholarship, Danish Cancer Society, 2002

Select Recent Publications
Mathews G, Sondergaard C, Jeffreys A, Childs W, Le BL, Sahota A, Najibi S, Nolta J, Si MS. Computational Analysis of Contractility in Engineered Heart Tissue. IEEE Trans Biomed Eng. 2012 May;59(5):1429-35.
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