Lund Cardiac MR Group
Lund University, Sweden
Department of Clinical Physiology
Skåne University Hospital, Lund, Sweden

Founded in 1999 by Håkan Arheden
Present at SCMR since 2004
Graduated PhD students: 15

4. Aki S et al. SCMR 2017
7. Haro K, Hedström E et al., ISMRM 2016

Congenital heart disease
Marcus Carlsson
Understanding heart failure in congenital heart disease using computer modelling and 4D flow CMR

Pulmonary arterial hypertension
Ellen Ostenfeld
Detecting early signs and subtle changes of impaired cardiac function and mechanics

New MRI techniques
Anthony Aletras
Developing new MRI sequences and reconstruction methods

Cardiac physiology
Håkan Arheden, Marcus Carlsson, Katarina Steding-Ehrenborg
Exploring how cardiac motion and blood flow patterns influence the physiology of cardiac pumping

Fetal CMR
Erik Hedström
Develop and validate fetal CMR and uncover mechanisms behind complex pregnancies for cardiovascular outcomes

Steering Committee
Håkan Arheden
Anthony Aletras
Marcus Carlsson
Einar Heiberg
Per Arvidsson
Ellen Ostenfeld

Researchers
Johanna Koul
Peter Cain
Maria Carlsson
Johanna Koul
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PhD students (cont'd)
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Ann Persson
Helen Arvidsson
Helen Fransson

Amiran
Shahid Ahmed
Eric Bongard
Peter Cain
Lorenzo Galbetti
Magno Hara
Ewan Markwardt Bloch
Hannah Mood
Rainer Pfeifer

Collaborators