

CARIM Courses Maastricht

Improve your skills in cardiovascular research and stay up to date with newly emerging cardiovascular concepts and techniques.

- Heart Failure research, 12-16 June 2023
- Non-invasive Cardiovascular Imaging, 19-23 June 2023
- Workshop Science Communication, common activity for all course participants and other CARIM PhD candidates, 21 June, afternoon

The CARIM Course week program offers you the possibility to choose for specific cardiovascular courses which are developed and organised by our own CARIM researchers.

Content of the courses

NON-INVASIVE CARDIOVASCULAR IMAGING

Organizers: Dr. ir. Rob Holtackers, and Prof. dr. Joachim Wildberger, Dept. of Radiology and Nuclear Imaging

Non-invasive imaging has become a powerful and often indispensable methodology in both preclinical and clinical cardiovascular research. The aim of this course is to acquire insight into the basic principles and cardiovascular applications of various non-invasive imaging methods. The course focuses on the most frequently applied imaging modalities, including ultrasound, CT, PET and SPECT, X-ray angiography, MRI, and hybrid imaging modalities. Aspects that are covered during this course are the basic physical principles, the imaging characteristics, the requirements for human as well as animal studies, and the possibilities and limitations of each of these imaging modalities in relation to specific cardiovascular research questions. In this course the PhD candidates will get to know experts in non-invasive imaging at CARIM.

HEART FAILURE RESEARCH

Organizers: dr. Vanessa van Empel, Prof. Dr. Blanche Schroen, and dr. Twan van Stipdonk, Dept. of Cardiology

This course deals with clinical and preclinical approaches in research towards understanding and treating heart failure. We focus on what translational research entails, and all that goes beyond your basic knowledge on heart failure.

The program represents a walk through heart failure research from lab to clinical, from basic academic to applied commercial research, and from (your) first steps to an established academic career in heart failure research. You will enjoy cutting edge heart failure topics like diastolic dysfunction and electrical heart failure, as well as new research technologies. Also, there will be a mentoring session by a senior CARIM scientist who has done and seen it all. All lectures will be interactive and led by top CARIM researchers from the clinical and preclinical arena.

Entry level and course load

The courses are accessible for all PhD candidates of the Faculty of Health, Medicine and Life Sciences and 2nd year Master students that follow a senior internship at one of the CARIM labs. External PhD students are also welcome to join our course program. The number of credits that can be obtained after successful completion of the course is 1.5 ECTS.

Format of the CARIM Courses

The courses start on Monday and end on Friday. The program of each course varies. **On Wednesday afternoon 21 June 2023 a general session will be organized on Science Communication. All participants of the Heart Failure Research and the Non-invasive Cardiovascular Imaging courses are expected to participate in this workshop.** This workshop is also open for CARIM PhD candidates not participating in these two courses.

Social activities

A social evening activity will be organized by I'MCARIM during the first course week.

Registration

The registration form can be downloaded from our CARIM website: www.carimmaastricht.nl. For PhD candidates, participation has to be approved by their supervisor.

Deadline for registration is Tuesday 23 May, 2023.

The number of participants is limited to a maximum number of participants per course. The minimum number of participants needed to proceed with the course is 10.

Costs

A warrant is required for participation. Your subscription will be confirmed by email as soon as we have received the registration form.

Without the Internal services order/transfer form your registration is not valid. Warrants will be collected when you have not been present at the course. The warrant is set at 250 Euros.

For external PhD students, please contact the CARIM Office for entrance fees: Mail to

secretariaat-CARIM@maastrichtuniversity.nl

