

# CARIM Courses Maastricht

June 13-17, 2022

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

- **Vascular Inflammation and Thrombosis**
- **Drug Discovery and Development**

*The CARIM Course week program offers you the possibility to choose for specific cardiovascular courses which are developed and organized by our own CARIM researchers. The CARIM courses are taught simultaneously in one week.*

## Content of the courses

### VASCULAR INFLAMMATION AND THROMBOSIS

Organizers: Dr. Pieter Goossens, Experimental Vascular Pathology and Dr. Constance Baaten, Dept. of Biochemistry

Cardiovascular research is increasingly developing into a multidisciplinary effort, and true breakthrough science is often positioned at the interface of two flanking research fields. This workshop will increase your horizon on basic and clinical concepts in vascular biology and thrombosis and will introduce you to (*in vitro* and *in vivo*) technologies frequently used in this field.

At the end, you will not only be acquainted with available facilities and technologies in our atherothrombosis cluster (e.g. flow cytometry, animal models, lesion analysis, transcriptomics, microscopy etc.), but also know how to implement these technologies to the benefit of your own research.

### DRUG DISCOVERY AND DEVELOPMENT

Organizer: Dr. Matthijs Blankesteyn, Dept. of Pharmacology and Toxicology

The process of drug discovery has undergone revolutionary changes during the last decades, with subsequent restructuring of pharmaceutical companies. What's new? Is the new model of drug discovery going to last? This course will provide you with insights into the drug development process from the identification and validation of a therapeutic target to the final approval of the drug candidate. Researchers with different backgrounds will highlight you the pitfalls and potential hurdles of drug discovery and share their vision for the future of this exciting discipline. You will then work in a team on the design of a drug research project using your recent knowledge, acquired during the course. The goal of this course is to improve your understanding of drug discovery and to give you the keys to build your expertise in this multidisciplinary field.

#### Format of the CARIM Courses

The courses start on Monday and end on Friday. The program of each course varies. Wednesday afternoon a general session will be organized on COVID-19 related cardiovascular research at MUMC<sup>+</sup>.

#### Social activities

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

#### Entry level and course load

The courses are accessible for all PhD candidates of the Faculty of Health, Medicine and Life Sciences and 2<sup>nd</sup> 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.

#### Registration

A registration form can be downloaded from our CARIM website: [www.carimmaastricht.nl](http://www.carimmaastricht.nl). For PhD candidates, participation has to be approved by their supervisor.

**Deadline for registration is Wednesday May 25, 2022.** The number of participants is limited to a maximum number of participants pro 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](mailto:secretariaat-CARIM@maastrichtuniversity.nl)

