



## ONLINE Course for MolTag PhD students

### „RESPONSIBLE CONDUCT OF RESEARCH“

On Monday, June 21, 09:00 – 12:00

**By Prof.Dr. Marcel Van der Heyden**

Department of Medical Physiology, UMC Utrecht  
Member of the MolTag Scientific Advisory Board



**PLEASE REGISTER UNTIL JUNE 14, 17:00**

**LINK TO REGISTRATION: [Course Registration \(univie.ac.at\)](https://univie.ac.at)**

#### Course description

Being a scientist is complicated. You have to deal with responsibilities towards your colleagues, your profession, science in general and society. On top of that, you have to perform state of the art research providing thrilling results and new insights for the life sciences.

Everyone knows that one should not cheat in science, but still it happens. Why? **This course will help you to remain a good citizen in science. The main aspects of responsible conduct of research will be discussed in short by examples taken from the life sciences.** Tools will be provided to withstand the seductions and challenges put on you by supervisors, “the system” and your own ambitions. **In addition, we will also discuss daily life experiences in research practice which will help you to responsibly maneuver through the grey areas of science.**

#### Learning objectives

Participants learn strategies on how to discuss and deal with issues and dilemmas that occur in life science research; and they will learn to deal with these issues from a Responsible Conduct of Research (RCR) perspective. Furthermore, participants learn to identify breach of RCR by other researchers, e.g., in publications, research proposals, and behaviour.

## **Instructional method**

Participants prepare for the course by reading an article on RCR.

- 1) A lecture will introduce the different aspects of RCR in the life sciences (**40 minutes**).
- 2) Participants will subsequently discuss in small outbreak groups either premade dilemmas, or they can enter their own experience as a discussion topic (**60 minutes**).
- 3) The outbreak groups will shortly present their dilemma, the discussion outcome and considerations in a plenary session (**45 minutes**).

## **Trainer**

Marcel is associate professor in the department of Medical Physiology at the University Medical Center Utrecht, The Netherlands. He obtained his PhD in the field of cancer research at the Utrecht University in 1995. Thereafter he performed two post-docs on stem cell biology and connexins at the Netherlands Institute of Developmental Biology. He entered the field of cardiac arrhythmias in 2000.

**Currently, his focus is on cardiac potassium ion channel pharmacology and ion channel trafficking. His research group combines functional electrophysiological methods with cellular and molecular biology, and biochemical methods.** He authored more than 120 peer reviewed papers, most of which deal with membrane protein biology and pharmacology including ion channels.

**Marcel teaches and writes on scientific integrity and is member of several advisory panels on this subject.** Marcel is associate editor on four peer review physiology journals and was secretary of the Dutch Society of Physiology for five years. In 2017/18 he worked as guest-professor at the Department of Pharmacology and Toxicology at Vienna University. Marcel is a passionate teacher of physiology. He obtained his Senior Teaching Qualification in 2018 and is currently coordinator and examiner in the Medical curriculum in the course Circulation 1 and the bachelor Honours Program for medical students.

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