Join Radboud Summer School 2019!

High Quality Preclinical Research Through Systematic Reviews

change perspective

Radboud University
Animal experiments are ethically justified only if they are designed, conducted and analysed in such a way that they produce the most relevant and reliable information. If these conditions are not met, the laboratory animals are in fact wasted. A crucial method to meet these conditions are so-called systematic reviews. A systematic review is a structured and transparent method to thoroughly analyse previously conducted studies. In clinical research, systematic reviews are already common practice. In the field of animal experimentation, however, systematic reviews are still rather uncommon, even though recent publications have shown that they have several important advantages.

In this course, you will get an extensive introduction to the concept of systematic reviews of animal studies and to the differences between these review methods and classical reviews. Both the advantages and the limitations of systematic reviews will be discussed and you will practice all five steps of systematic reviews. Through this practical experience, you will get a good idea about their added value and about the possibilities and efforts needed for conducting such a review in your own field of research. The course will be taught by SYRCLE, one of the leading centres in the world specialised in systematic reviews of animal studies. Since 2009, SYRCLE has developed a unique education program, as well as tools and guidelines to promote and facilitate the conduct of systematic reviews of animal studies.

**After this course you are able to**

- Identify factors in animal studies that can hamper interpretation, translatability and reproducibility.
- Explain the most important advantages of and challenges for systematic reviews of animal studies
- Build a comprehensive search strategy in PubMed
- Perform and interpret an assessment of the methodological quality of animal studies
- Perform and interpret a simple meta-analysis of animal studies

**Course leader**

Dr. Judith van Luijk, Dept. for Health Evidence, Health Technology Assessment, SYRCLE, Radboudumc
Entry level
Master, PhD and Postdoc

This course is designed for
Students and (young) professionals directly or indirectly involved in (preclinical) animal-based research

Number of EC
2 ECTS credits

You can find more details about this course on our website

Course date
Monday 12 August - Friday 16 August 2019

Course fee
€ 675

Deadline application
1 June 2019

Discounts
• 10% discount for early bird applicants. The early bird deadline is 1 March 2019.
• 15% discount for students and PhD candidates from partner universities. Please note that these discounts can be combined if you apply before 1 March 2019.

Apply now!
What is the RSS experience?

**RSS is more than just a course!**

Radboud Summer School offers you a unique opportunity to meet other students and researchers from all over the world with different cultural and academic backgrounds. You will also get to know Radboud University and the city of Nijmegen. Our social programme includes a welcome reception, guest lecture and farewell drinks. And for a small fee you can join our BBQ, River Cruise on a pancake boat, a Pub Quiz, Sports Activities or a City Game.

**Want to know more?**
Have a look at what participants have said about their experience on our website!

**Contact**
T. +31-248187706  
E: Radboudsummerschool@ru.nl  
F: RadboudSummerSchool  
I: Radboudsummerschool

www.ru.nl/radboudsummerschool