Join Radboud Summer School 2017!

Improving the quality of preclinical animal studies

cchange perspective

Radboud Universiteit
Improving the quality of preclinical animal studies

Using the systematic review methodology

Animal experiments are only ethically justified 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 is the so-called systematic review. 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. Systematic reviews help to improve the methodological quality of animal experiments, they prevent unnecessary (duplication of) experiments and they lead to an evidence-based choice of animal models. Last but not least, they improve the translation of animal data to the clinic, thereby increasing efficacy and safety of treatments in patients.

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.

After this course you are able to:

• 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

Check our website for a more detailed description of the course!

Number of EC
2 ECTS
Course leader
Judith van Luijk, Project leader training and coaching, SYRCLE, Health

Entry level
Advanced Bachelor
Master, PhD, Post-doc and Professional

For whom is this course designed
Students and (young) professionals directly or indirectly involved in (preclinical) animal-based research.

Dates
Monday 7 August – Friday 11 August 2017

Course fee
€ 600

Discounts
• 10% discount for early bird applicants. The early bird deadline is 1 April 2017.
• 15% discount for students and PhD candidates from partner universities.
Want to be part of the RSS experience?

More than just a course!
Radboud Summer School is more than an academic event. It is a unique opportunity to meet other international students and researchers and to get to know Radboud University and the city of Nijmegen. Our participants come from all over the world and have different cultural and academic backgrounds. Our programme includes the following activities free of charge: welcome reception, sports activity, guest lecture and farewell drink. We offer also a BBQ, River Cruise, City Tour, Pub quiz and excursion for a small fee.

Have a look at what participants had to say about their experience!

And do not forget to register now!

Deadline application
June 1, 2017

Contact
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www.ru.nl/radboudsummerschool, August 6-18 2017