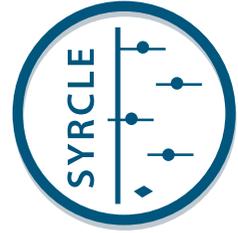


Next course date:

15 May

2018



Registration:

Contact Mira van der Naald (m.vandernaald@umcutrecht.nl)

Hands-on training in

**SYSTEMATIC
REVIEWS OF
ANIMAL STUDIES**

**Improving transparency
on quality and
translatability of animal
studies**



Radboudumc

Course Information

SYRCLE (SYstematic Review Centre for Laboratory animal Experimentation) organises, in collaboration with the University Medical Center Utrecht, a one-day workshop entitled:

SYSTEMATIC REVIEWS OF ANIMAL STUDIES “Improving transparency on quality and translatability of animal studies”

In clinical research, a systematic review is 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. For example, systematic reviews may help improve the scientific quality of animal experiments, they may prevent unnecessary (duplication of) experiments and they may improve the translation of animal data to the clinic, thereby increasing patient safety. In addition, meta-analyses provide quantitative summaries of the results of the animal studies on a certain topic and may result in new insights without having to use new animals.

In this workshop, you will be introduced to the concept of systematic reviews of animal studies. Both the advantages and the limitations of systematic reviews will be discussed. Moreover, you will get the opportunity to actually practice the steps of which systematic reviews typically consist. Through this practical experience you will get a good idea about the added value of systematic reviews and about the possibilities and efforts needed for conducting such a review in your own field of research.

Since 2009, SYRCLE has been developing education, tools and guidelines to promote and facilitate the performance of systematic reviews of animal studies.

Invitation

We cordially invite you to participate in this hands-on training in systematic reviews of animal experiments.

For whom?

This hands-on training is for all (biomedical) researchers of the University Medical Center Utrecht, directly or indirectly involved in animal experiments. The course is open to and suitable for PhD students, postdoctoral researchers as well as more senior researchers.

This course is made possible by ZonMw.

Preliminary programme 08.30 AM - 05.00 PM

08:30 Registration

09:00 Welcome and opening

Lecture: Introduction to systematic reviews of animal studies

Part 1 • Identifying and selecting relevant studies
Introductory lecture: Identify 'all' relevant animal studies
Computer practical 1a: Develop comprehensive search strategies
Computer practical 1b: Inclusion / exclusion of studies

Part 2 • Assessing study validity
Introductory lecture: Validity of animal studies
Workshop assignment 2a: Criteria of validity
Workshop assignment 2b: Risk of bias assessment

Part 3 • Data extraction and synthesis
Introductory lecture: Data extraction and meta-analysis
Computer practical 3a: data extraction
Computer practical 3b: data synthesis / meta-analysis

17:00 Closure and evaluation

Evaluation previous editions workshop

“Very useful, good introduction to systematic reviews and nice that there is a combination of theory and practice!”

“Search strategy is in general useful and the next steps you need to perform are useful before you start experiments.”

The average score of the last workshop was 8,5.

Tutors and Organizing Committee

Tutors

Judith van Luijk M.Sc.

Course coordinator
SYRCLE, Central Animal
Laboratory Radboudumc

Dr Rob de Vries

Scientific researcher
SYRCLE, Central Animal
Laboratory Radboudumc

Dr Kim Wever

Postdoc
SYRCLE, Central Animal
Laboratory Radboudumc

Dr Carlijn Hooijmans

Assistant professor
SYRCLE, Central Animal
Laboratory Radboudumc

Dr Marlies Leenaars

Assistant professor
SYRCLE, Central Animal
Laboratory Radboudumc

Organizing committee

Prof Dr Steven Chamuleau

Professor of Cardiology
UMC Utrecht

Mira van der Naald

PhD student
UMC Utrecht

Ingrid Meijer

Project manager of Prof
Chamuleau
UMC Utrecht

General information

TARGET GROUPS

This hands-on training is for (biomedical) researchers directly or indirectly involved in animal experiments. The course is open to and suitable for PhD students, postdoctoral researchers as well as more senior researchers.

WEBSITE

For background information on systematic reviews of animal studies, please visit:

www.radboudumc.nl/SYRCLE

VENUE

The training takes place at the University Medical Center Utrecht

ACCREDITATION/CERTIFICATE

You will be awarded a certificate upon completion of the course.

REGISTRATION

- You can register by contacting Mira van der Naald (m.vandernaald@umcutrecht.nl)
- Registration is free for employees of the University Medical Center Utrecht¹
- Registration will be limited to 20 participants

¹ Other rates may apply for researchers from other Dutch universities or knowledge institutes.