



1st International Symposium and Workshop on

Systematic Reviews in Laboratory Animal Science

Thursday/Friday February 9/10th 2012

Nijmegen, the Netherlands



General information / Invitation

PAO-Heyendael presents in collaboration with the 3R Research Centre at the Central Animal Laboratory of the Radboud University Nijmegen Medical Centre a symposium and workshop on Systematic Reviews in Laboratory Animal Science.

1st International Symposium and Workshop on Systematic Reviews in Laboratory Animal Science

9 and 10 February 2012

Celebrating 5 years 3R Research Centre and stimulating an international discussion and collaboration on Systematic Reviews of animal studies

The 3R Research Centre was founded in December 2006 at the Central Animal Laboratory in Nijmegen in order to improve the implementation of the 3Rs principles (Replacement, Reduction, Refinement of animal experiments) in academic research. In recent year the focus of the Centre has shifted from being solely oriented towards the 3Rs to encourage the use of Systematic Reviews of animal studies.

A Systematic Review is a thorough analysis of earlier conducted and published experiments. They form the basis of evidence-based medicine and are already standard practice for clinical studies. The use of SRs for the optimisation of animal testing is however still rare. The 3RRC encourages the use of SRs in animal studies as they improve scientific quality, lead to implementation of the 3Rs principles and increase translational transparency of animal studies.

The symposium will give an overview of the state-of-the-art of systematic reviews in laboratory animal science and what we can learn from the experience of clinic systematic reviews. Examples of issues addressed by the speakers include: publication bias, quality of reporting, open access to all scientific results and implementation of SRs.

For the second day we invite you to participate in a course and 'hands on' workshop on Systematic Reviews, which gives the possibility to actually practice the steps necessary to take in the process of performing Systematic Reviews of animal studies.

For whom?

Symposium: animal researchers, policy makers, funding agencies, ethical committees, those interested in animal welfare, editorial boards, deans of medical faculties, others interested in the topic.

Workshop: researchers who want to have 'hands-on' training in the process of performing Systematic Reviews of animal studies and others interested in details on necessary steps to take in practice.

Invitation

Implementation of Systematic Reviews in laboratory animal science is a new and interdisciplinary topic which asks for international discussion and collaboration. This first international symposium aims at stimulating both. We therefore cordially invite you to participate in this 2 day event.

Keynote speaker

Prof Malcolm Macleod, University of Edinburgh, UK, CAMARADES collaboration

Website

For update information, please visit www.umcn.nl/3RRCsymposium

Program

Symposium February 9th 2012

The first day the state-of-the-art of Systematic Reviews on an international scale will be presented.

Chairman: Dr Herman Koëter (Orange House Partnership, Brussels)

- 9.00** Registration
- 9.30** Welcome
Ir. Roelof de Wijkerslooth, President of the Executive Board, Radboud University Nijmegen, NL
- 9.45** **Systematic Reviews of the animal literature: lessons from the Cochrane Collaboration**
Prof Michael Bracken, Yale University, USA
- 10.15** **Keynote speaker**
The transforming potential of the systematic evaluation of laboratory research
Prof Malcolm Macleod, University of Edinburgh, UK
- 11.00** Coffee/tea break
- 11.30** **Experiences with Systematic Reviews in Health Care Efficiency Research and recent 3R developments in the Netherlands**
Henk Smid, ZonMw, The Hague, NL
- 12.00** **All in the name – Synthesis of evidence for animal-based studies – report and update on the Montréal Declaration**
Dr Gilly Griffin, CCAC, Canada
- 12.30** Lunch
- 13.30** **View on 5th anniversary of 3R Research Centre and Systematic Reviews**
Prof Merel Ritskes, Radboud University Nijmegen Medical Centre, NL
- 13.45** **Systematic reviews and meta-analyses of animal studies: 3Rs benefits and challenges**
Dr Nathalie Percie du Sert, NC3Rs, UK
- 14.05** **Implementation: Open Access, Tools and Education**
Dr Carlijn Hooijmans/Dr Marlies Leenaars, Radboud University Nijmegen Medical Centre, NL
- 14.25** Coffee/tea break
- 15.20** **How does the clinic evaluate animal studies?**
Prof Ian Roberts, London School of Hygiene & Tropical Medicine, London, UK
- 15.40** **Societal views on (systematic reviews of) animal studies**
Esther Ouwehand, Party for the Animals, the Hague, NL
- 16.00** **Discussion and concluding remarks**
Sir Iain Chalmers, James Lind Library, UK
- 16.30** Drinks
- 18.00** Evening buffet

Speakers

Prof M. Bracken
Yale University, USA

Sir I. Chalmers
James Lind Library, United Kingdom

Dr Gilly Griffin
CCAC, Canada

Dr C. Hooijmans
3R Research Centre, Radboud University Nijmegen Medical Centre, the Netherlands

Dr M. Leenaars
3R Research Centre, Radboud University Nijmegen Medical Centre, the Netherlands

Prof M. Macleod
University of Edinburgh, United Kingdom

E. Ouwehand
Party for the Animals, The Dutch House of Representatives, The Hague, the Netherlands

Dr N. Percie du Sert
NC3Rs, London, United Kingdom

Prof I. Roberts
London School of Hygiene & Tropical Medicine, London, United Kingdom

Prof M. Ritskes
3R Research Centre, Radboud University Nijmegen Medical Centre, the Netherlands

H. Smid
ZonMw The Netherlands Organisation for Health Research and Development, The Hague, the Netherlands

Ir. R. de Wijkerslooth
Radboud University Nijmegen, the Netherlands

Organizing committee

Prof. Merel Ritskes-Hoitinga
3R Research Centre, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands

Dr Marlies Leenaars
3R Research Centre, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands

Dr Maroeska Rovers
associate professor evidence-based surgery, Department of operating rooms and Epidemiology, Biostatistics & HTA, Radboud University Nijmegen Medical Centre, Nijmegen, The Netherlands

Program Workshop February 10th 2012

During the second day it is possible to participate in a course and 'hands on' workshop on Systematic Reviews, which gives the possibility to actually practice which steps are necessary to take in the process of performing Systematic Reviews. Participation will be limited to 50 participants. Registration will be on a first-come first-serve basis.

- 8.30** Registration/Welcome
- 9.00** Introduction to workshop
Lecture: Comprehensive search strategies
Workshop assignment 1: Comprehensive search strategies
- 11.00** Coffee/tea break
- 11.30** Lecture: Quality assessment
Workshop assignment 2a: Critical appraisal (how to assess relevance and validity)
Workshop assignment 2b: Risk of bias assessment
- 13.30** Lunch
- 14.30** Lecture: Data extraction and meta-analyses
Workshop assignment 3a: data extraction
Workshop assignment 3b: meta-analyses
- 17.00** Closure + drinks

Workshop supervisors:

Ms. Alice Tillema

Information specialist, Medical Library, Radboud University Nijmegen Medical Centre, NL

Dr Carlijn Hooijmans

Postdoc, Radboud University Nijmegen Medical Centre, NL

Dr Emily Sena

Postdoc, University of Edinburgh, United Kingdom

Dr Marlies Leenaars

Assistant professor and animal welfare officer, Radboud University Nijmegen Medical Centre, NL

Dr Maroeska Rovers

Associate professor evidence-based surgery, Department of operating rooms and Epidemiology, Biostatistics & HTA, Radboud University Nijmegen Medical Centre, Nijmegen, NL

Dr Rob de Vries

Postdoc, Radboud University Nijmegen Medical Centre, NL

General information

VENUE

The symposium will take place at the Radboud University Nijmegen Medical Centre.

ACCREDITATION / CERTIFICATE

- For Dutch participants credits will be requested at the ABAN.
- All participants will receive a certificate of attendance.

REGISTRATION (042155)

- Registration online at www.paoheyendael.nl.
- You will receive more information about venue, symposium and workshop within two weeks before start.
- Deadline for registration: **January 31th 2012**.
- Registration for the workshop will be on a first-come first-serve basis. When the maximum enrolment of 50 participants will be exceeded, we will inform you.

ABSTRACT SUBMISSION FOR POSTER PRESENTATION

- Deadline for poster abstract submission is **January 8th 2012!**
- Poster abstract submission online at www.paoheyendael.nl or via www.umcn.nl/3RRCsymposium
- Examples of topics for a poster presentation include: publication bias, quality of reporting, open access to all scientific results, implementation of SR's, meta-analysis and comprehensive literature search.
- Contact persons (submitters) will be notified by **January 10, 2012** of abstract acceptance. The Organizing Committee will decide on acceptance of poster presentation.

CONFERENCE ORGANIZATION

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