

About SYRCLE and Systematic Reviews

SYRCLE (SYstematic Review Centre for Laboratory animal Experimentation) was officially founded in 2012. Already in 2008/2009 the research staff had shifted their focus from the 3Rs towards the execution of systematic reviews (SR), because these are a method to identify, appraise, select and synthesise all available research results. SRs help to improve scientific quality, facilitate the implementation of the 3Rs and –last but not least- aid in securing patient safety. Within the medical field SRs are a well-established method and form the basis of evidence-based medicine. Since 1993 the Cochrane Collaboration exists for the routine execution of SRs of clinical trials. SYRCLE focuses on the execution of SRs of animal studies towards more evidence-based translational medicine. To this effect SYRCLE develops education, methodological tools and guidelines, organizes workshops and coaches individuals wishing to perform a SR themselves.

Teachers: Dr. Rob de Vries and Dr. Judith van Luijk

For downloading ReviewManager (software used for meta- analysis):

<http://tech.cochrane.org/revman>

PROGRAMME ONE-DAY WORKSHOP SYSTEMATIC REVIEWS OF ANIMAL STUDIES, november 9th 2016

Place: CHUV (BH08), Library

09:00	Welcome and opening
09:05-11:15	Lecture: Introduction to systematic reviews of animal studies
	Introductory lecture: Identify 'all' relevant animal studies
	Computer practical 1a: Develop comprehensive search strategies
	Computer practical 1b: Inclusion / exclusion of studies
11:15-11:30	Break
11:30- 12:30	Introductory lecture: Validity of animal studies
	Workshop assignment 2a: Criteria of validity
12:30-13:30	Lunch
13:30- 14:45	Workshop assignment 2b: Risk of bias assessment
	Introductory lecture: Data extraction and meta-analysis
14:45-15:00	Break
15:00-17:00	Computer practical 3: Data extraction and meta-analysis
17.00	Closure and evaluation