

Finding non-animal alternatives for UniSA Animal Ethics Committee (AEC) Applications

Meeting the 3Rs: Replacement, Reduction, Refinement

If you have been advised to submit an Animal Ethics application, you are required to include a statement discussing:

“ethical issues that the AEC will need to consider when reviewing the proposed experimentation. Your answer should address the 3Rs: Replacement, Reduction and Refinement. (See clauses 1.18 – 1.30 of the [Australian Code for the Care and use of Animals for Scientific Purposes \(the Code\)](#).” -Research Project Application form Feb 2018

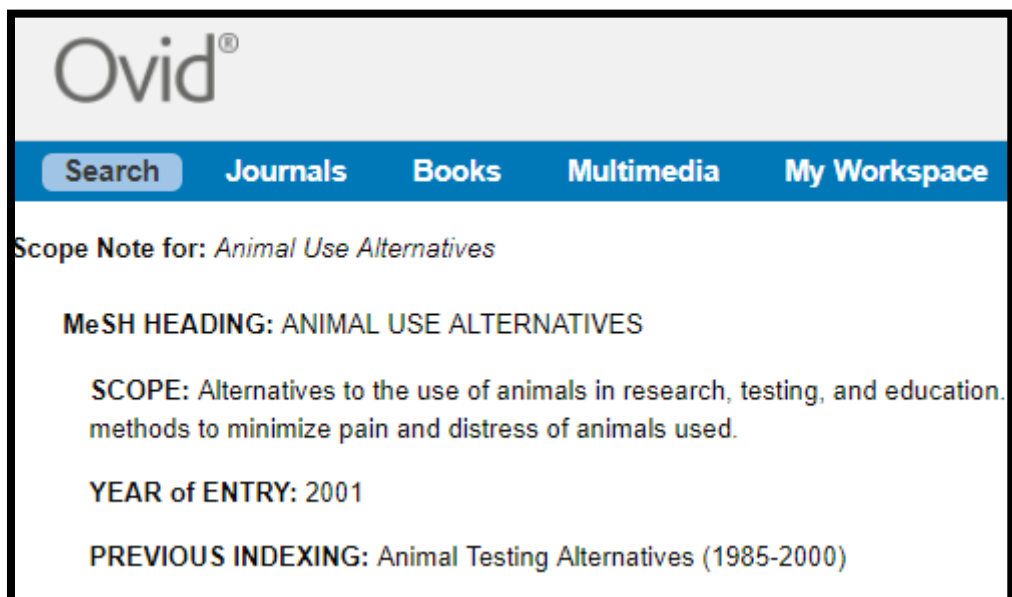
This guide explains how to conduct and report upon suitable literature searches to meet the 3Rs.

Search the Library Databases

- Your library Databases include numerous articles discussing specific animal alternatives.
- Start by searching for your condition or the proposed test/intervention
- Then add terms relating to animal alternatives, or the 3Rs. For example:

“animal alternative?” OR “animal replacement” OR “replace* animal*” OR “non?animal alternative?” or “non?animal replace*” OR “animal reduction*” OR “non?animal refinement”*

- If you have already identified some potential alternative tests by name (eg vitro, sillico), you can add them to this line as well.
- Alternatively, check to see if the database has suitable subject headings that you can add. There may be more than one:



Ovid®

Search Journals Books Multimedia My Workspace

Scope Note for: *Animal Use Alternatives*

MeSH HEADING: ANIMAL USE ALTERNATIVES

SCOPE: Alternatives to the use of animals in research, testing, and education. methods to minimize pain and distress of animals used.

YEAR of ENTRY: 2001

PREVIOUS INDEXING: Animal Testing Alternatives (1985-2000)

Suggested Library Databases to Search

Some suggested databases subscribed to by the University Library are:

- [Embase \(Health Sciences, particularly pharmacy\)](#)
- [Medline \(Health Sciences\)](#)
- [Proquest Biology \(Multidisciplinary\)](#)
- [Proquest Environmental Science Collection \(Natural, Built Environments\)](#)
- [Scopus \(Multidisciplinary\)](#)
- [Science Direct \(Engineering\)](#)
- [Web of Science \(Multidisciplinary\)](#)

Browse an Animal Testing Alternatives Curated List

A number of web lists and databases have been curated to summarise specific approved alternatives to animal testing. Typically these do not support advanced search strategies, so keep your search broad:

- [Altbib](#)
- [ALTEX - Alternatives to Animal Experimentation](#)
- [AltTox: Non-animal Methods for Toxicity Testing](#)
- [Altweb: Alternatives to Animal Testing](#)
- [AnimAlt-ZEBET](#)
- [DB-ALM ECVAM: Database Service on Alternative Methods to Animal Experimentation](#)
- [EUROECOTOX database of bioassays](#)
- [InterNICHE: International Network for Humane Education](#)
- [National Centre for the Replacement, Refinement & Reduction of Animals in Research](#)
- [Norecopa](#)
- [NORINA: Norwegian Inventory of Alternatives](#)
- [SEFREC](#)
- [ZEBET Database on Alternatives to Animal Experiments](#)

Report your Search

- Detail the names of the database/website searched, the date searched, dates covered by the databases, search terms used and the total results found in each.
- If using a database, many allow you to “print” your search strategy.
- If you do not have the option to “print”, use the *Windows Snipping Tool* to take a screenshot.



Contact Ask the Library for further information or assistance

Library home page > Research

www.library.unisa.edu.au/research