

## **INTERNAL VALIDITY**

...the extent to which the design and conduct of an experiment eliminate the risk of introducing bias... van der Worp et al, 2010

### Risk of bias:

.. The overall risk that we over- or underestimate the true effect of an intervention

Different examples of bias:

Selection

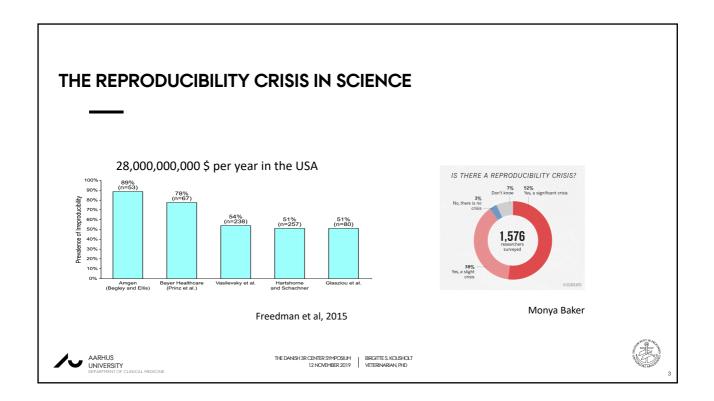
Detection

Attrition

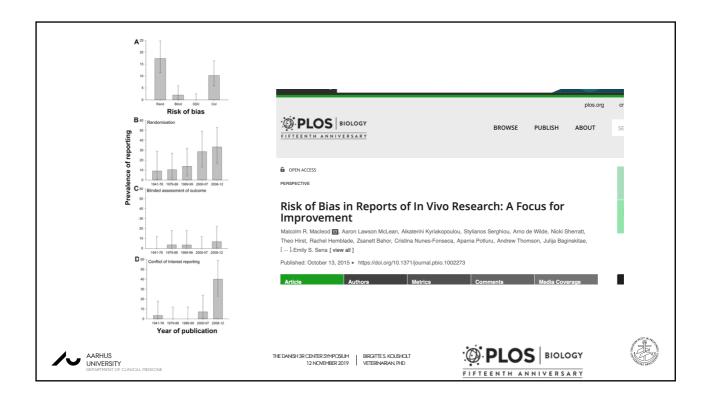


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# **AIM & METHOD**

#### AIM:

....to convey the interval validity of a random sample of papers from 2009 / 2018.

...assess compliance with legislation and the 3Rs

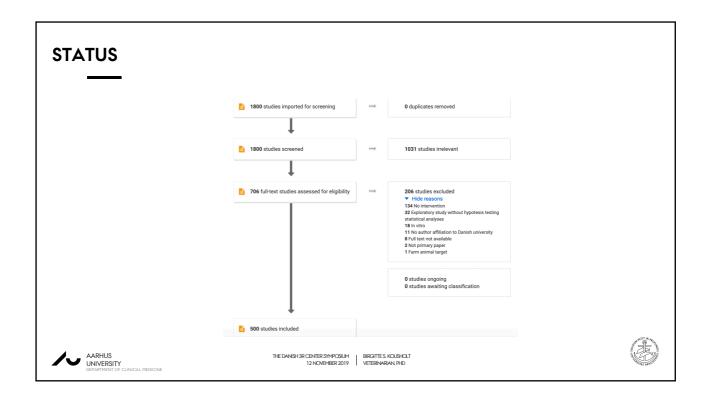
## METHOD:

...use a modified quality assessment tool



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## **PERSPECTIVES**

...a responsible step in the identification of plausible deficits in implementing reduction in Danish research

...quantification will be an impetus to researchers to plan and report ongoing and future studies in a manner that improves internal validity and thus corroborates the implementation of reduction

...limit bias, better clinical translatability, more reliable effect sizes and reduce the number of animals wasted in poorly conducted experiments



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