

Ten Top Tips to navigate protocol pre-registration

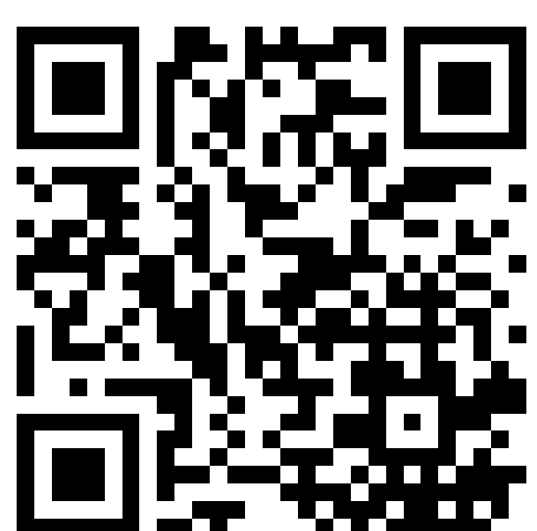


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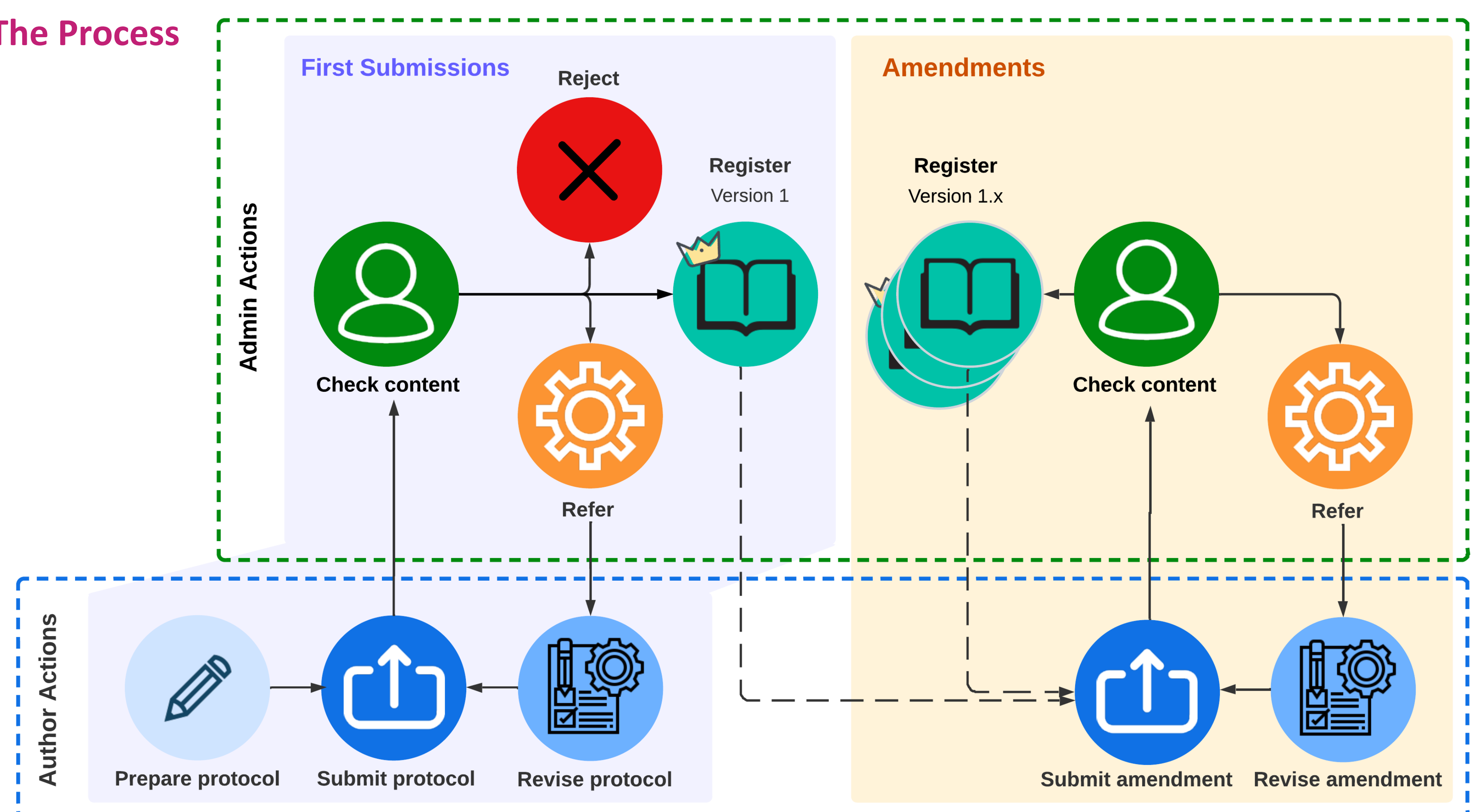
Background

Systematically synthesizing evidence is a cornerstone of evidence-based decision making. Similar to primary studies, pre-registration of planned procedures in systematic reviews are paramount for robust research. Complexity of navigating through registration platforms can be a hurdle to follow best-practice methodologies. Here, the administrators present a practical guidance on how to efficiently navigate PROSPERO4animals - the preregistration platform for preclinical systematic reviews and meta-analyses.

PROSPERO4animals



The Process



Process of preregistration and the various steps of revision

Top Ten Tips

1. Be honest and transparent.
2. Be realistic about your estimated completion date.
3. Do not start data extraction before registering your protocol.
4. Use an appropriate review question structure.
5. Use a comprehensive search strategy.
6. Use complementary inclusion and exclusion criteria and prioritize them.
7. Be clear about the study characteristics and outcome data you aim to extract.
8. Familiarize yourself with critical appraisal tools for animal studies.
9. Carefully consider which synthesis method fits your review.
10. When you decide on meta-analysis, dive into the details.

Providing guidance might help uptake of rigorous practice

More guidance



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