

## Supplementary Material

**Table S1.** Risk of bias from experimental studies.

Reference	Reed et al., (2018)	Reed et al., (2017)	Dias et al., (2018)	Dias et al., (2019)	Beasley et al., (2020)	Percentage (%)
(1) Title	1	1	1	1	1	100
(2) Abstract	1	1	1	1	1	100
<i>Introduction</i>						
(3) Background information	1	0	1	1	1	80
(4) Primary and secondary objectives	1	1	1	1	1	100
<i>Methods</i>						
(5) Ethical statement	1	1	1	1	1	100
(6) Study design	1	1	1	1	1	100
(7) Experimental procedures	1	1	1	1	1	100
(8) Experimental animals detail	1	1	1	1	1	100
(9) Housing and husbandry conditions	1	1	1	1	1	100
(10) Sample size	0	0	0	0	0	0
(11) Allocating animals to experimental groups	1	1	1	1	1	100
(12) Experimental outcomes	1	1	1	1	1	100
(13) Statistical methods	1	1	1	1	1	100
<i>Results</i>						
(14) Baseline data	1	1	1	1	1	100
(15) Number of animals analyzed	0	0	0	0	1	20
(16) Outcomes and estimation	1	1	1	1	1	100
(17) Adverse events	1	1	1	0	1	80
<i>Discussion</i>						
(18) Interpretation/scientific implications/study limitations	1	1	1	1	1	100
(19) Generalizability/translation/ relevance to human biology	1	1	1	0	1	80
(20) Funding	0	1	1	1	0	60

0: not reported; 1: reported.