The ARRIVE guidelines 2.0: author checklist

The ARRIVE Essential 10

These items are the basic minimum to include in a manuscript. Without this information, readers and reviewers cannot assess the reliability of the findings.

Item		Recommendation	Section/line number, or reason for not reporting
Study design	1	For each experiment, provide brief details of study design including: a. The groups being compared, including control groups. If no control group has been used, the rationale should be stated. b. The experimental unit (e.g. a single animal, litter, or cage of animals).	Methods: Experimental Animals; Experimental Design (3 groups) Individual rabbit inferred from n=6 per group
Sample size	2	a. Specify the exact number of experimental units allocated to each group, and the total number in each experiment. Also indicate the total number of animals used. b. Explain how the sample size was decided. Provide details of any *a priori* sample size calculation, if done.	Methods: Experimental Animals; 18 total (6/group) No formal power calculation; size rationale not provided in source checklist
Inclusion and exclusion criteria	3	a. Describe any criteria used for including and excluding animals (or experimental units) during the experiment, and data points during the analysis. Specify if these criteria were established *a priori.* If no criteria were set, state this explicitly. b. For each experimental group, report any animals, experimental units or data points not included in the analysis and explain why. If there were no exclusions, state so. c. For each analysis, report the exact value of *n* in each experimental group.	Methods: Experimental Animals; healthy rabbits; no pre-set exclusions Excluded animals/data not specified in source checklist n=6/group stated; per-analysis n not specified
Randomisation	4	a. State whether randomisation was used to allocate experimental units to control and treatment groups. If done, provide the method used to generate the randomisation sequence. b. Describe the strategy used to minimise potential confounders such as the order of treatments and measurements, or animal/cage location. If confounders were not controlled, state this explicitly.	Methods: Experimental Animals; random allocation; sequence method unspecified Confounder controls not specified in source checklist
Blinding	5	Describe who was aware of the group allocation at the different stages of the experiment (during the allocation, the conduct of the experiment, the outcome assessment, and the data analysis).	No blinding at any stage (per supplied checklist)
Outcome measures	6	a. Clearly define all outcome measures assessed (e.g. cell death, molecular markers, or behavioural changes). b. For hypothesis-testing studies, specify the primary outcome measure, i.e. the outcome measure that was used to determine the sample size.	Methods: Biochemical Analysis; qRT-PCR Analysis A priori primary outcome not specified in checklist
Statistical methods	7	a. Provide details of the statistical methods used for each analysis, including software used. b. Describe any methods used to assess whether the data met the assumptions of the statistical approach, and what was done if the assumptions were not met.	Methods: Statistical Analysis (ANOVA/Tukey); software unspecified Assumption checks not specified in checklist
Experimental animals	8	a. Provide species-appropriate details of the animals used, including species, strain and substrain, sex, age or developmental stage, and, if relevant, weight. b. Provide further relevant information on the provenance of animals, health/immune status, genetic modification status, genotype, and any previous procedures.	Methods: Experimental Animals; both sexes, 0.5-1.8 kg; age unspecified Methods: Experimental Animals; healthy; source/history unspecified
Experimental procedures	9	For each experimental group, including controls, describe the procedures in enough detail to allow others to replicate them, including: a. What was done, how it was done and what was used. b. When and how often. c. Where (including detail of any acclimatisation periods). d. Why (provide rationale for procedures).	Methods: Chicory Prep; Design and assays Methods: Experimental Design; Sample Collection Methods: Experimental Animals (acclimatization) Procedure rationale not specified in checklist
Results	10	For each experiment conducted, including independent replications, report: a. Summary/descriptive statistics for each experimental group, with a measure of variability where applicable (e.g. mean and SD, or median and range).	Results: means +/- SD; figures and comparisons Effect sizes/CIs not listed in source checklist

The experimental protocol was approved by the Institutional Ethics Committee of Cholistan University of Veterinary and Animal Sciences, Bahawalpur, Pakistan, under approval number PSF/NSLP/P-CUVAS (923). All animal care and experimental procedures were conducted in accordance with the approved ethical guidelines. The study was reported in accordance with the ARRIVE guidelines 2.0.