

The ARRIVE Guidelines Checklist

Animal Research: Reporting In Vivo Experiments

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|  | ITEM | RECOMMENDATION | Section/ Paragraph | |
|  | | | | 1. Title | |
|  | | | | 2. Abstract | |
| INTRODUCTION | | | |  | |
|  | | | | 3a. Background, Paragraph 1  3b Background, Paragraph 2 | |
|  | | | | 4. Objective, Last paragraph | |
| METHODS | | | |  | |
|  | | | | 5. Methods section, experimental animals’ subsection | |
|  | | | | 6a. Methods section, acute oral toxicity study subsection, study of sub-chronic oral toxicity subsection  6b. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection * Hematological parameters subsection * Biochemical parameters subsection * Histological analysis subsection   6c. Methods section   * Acute oral toxicity study subsection (5 females’ rats for the test group and 5 females’ rats for the control group) * Study of sub-chronic oral toxicity subsection (4 groups of 8 animals per group: 4 females and 4 males). | |
|  | | | | 7a. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection   7b. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection   7c. Methods section, experimental animals’ subsection  7d. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection | |
|  | | | | 8a. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection   8b. Methods section, Acute oral toxicity study subsection (animals) | |

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|  | 9a. Methods section   * Acute oral toxicity study subsection * Sub-chronic oral toxicity study subsection   9b. Methods section, experimental animals’ subsection  9c. Methods section: Acute oral toxicity study subsection and Study of sub-chronic oral toxicity subsection | |
|  | 10a. Method section   * Methods section: Acute oral toxicity study subsection and Study of sub-chronic oral toxicity subsection   10b. Methods section  10c. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity   subsection | |
|  | 11a. Methods section   * Experimental animals * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection   11b. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection | |
|  | 12. Methods section   * Acute oral toxicity study subsection * Study of sub-chronic oral toxicity subsection * Assessment of Hematological parameters subsection * Assessment of Biochemical parameters subsection * Histological analysis subsection | |
|  | 13a. Methods section: statistical analysis subsection  13b. Methods section: statistical analysis subsection  13c. Methods section: statistical analysis subsection | |
| RESULTS |  | |
|  | 14. Results section, Tables 2-6 (dose in mg/kg); Figures 2 and 3 | |
|  | 15a. Throughout results Section  15b. Not applicable | |
|  | 16. Results section, Tables 2-6; Figure 2-6 | |
|  | 17. Not applicable | |
| DISCUSSION |  | |
|  | 18. Throughout Discussion Section | |
|  | 19. Not applicable | |
|  | | 20. No funding |

