

The ARRIVE Guidelines Checklist

Animal Research: Reporting In Vivo Experiments

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|  | | ITEM | RECOMMENDATION | Section/ Paragraph |
|  | | | Title, Paragraph 1 |
|  | | | Abstract, Paragraphs 1-4 |
| INTRODUCTION | | |  |
|  | | | Background, Paragraphs 1-3 |
|  | | | Background, Paragraphs 1-2 |
| METHODS | | |  |
|  | | | Methods, Paragraph 3 |
|  | | | Methods, Paragraph 10;  Figures 5 and 6 with the legends. |
|  | | | Methods, Paragraph 10. |
|  | | | Methods, Paragraph 3. |

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|  | Methods, Paragraph 3 | |
|  | Methods, Paragraph 10; | |
|  | Methods, Paragraph 10; | |
|  | Methods, Paragraph 10; | |
|  | Methods, Paragraph 11 | |
| RESULTS |  | |
|  | Methods, Paragraph 10; | |
|  | Figures 5 and 6 and the legends | |
|  | Results, paragraph 4; Figures 5 and 6 and the legends | |
|  | N/A | |
| DISCUSSION |  | |
|  | Discussion, paragraphs 1, 2 and 4 | |
|  | Discussion, paragraphs 1 and 2. | |
|  | | Declarations, paragraph 5 |

