

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 |

