

# Laboratory Animal Ethics Committee of Northwest Minzu University

No. xbmμ-sm-202514

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |    |
|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|
| The project name                  | Zinc Alleviates Oxidative Stress Injury of the Testis Induced by Zearalenone Through Sirt3-Foxo3 Pathway in Mice                                                                                                                                                                                                                                                                                                                                                                             |       |    |
| applicant unit                    | Medical College of Northwest Minzu University                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |    |
| Project Leader                    | Zhi-fang Zhao                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Title | Dr |
| Reviewing Contents                | This study aimed to investigate the testicular injury in a Zearalenone (ZEA)-induced mouse model and the protective mechanism of Zinc (Zn).                                                                                                                                                                                                                                                                                                                                                  |       |    |
| Certification Results             | <p style="text-align: center;">Agree</p> <p style="text-align: center;">zhao zhifang</p>                                                                                                                                                                                                                                                                                                                                                                                                     |       |    |
| Ethics Statement                  | <p>Male Kunming mice were used in this study. All animal experiments were conducted in accordance with protocols approved by the Laboratory Animal Ethics Committee of Northwest Minzu University. The study was carried out in strict accordance with the recommendations of the National Institute of Health Guide for the Care and Use of Laboratory Animals. All efforts were exerted to minimize the suffering of the animals used.</p> <p style="text-align: right;">March 4, 2025</p> |       |    |
| Ethics Committee Approval Opinion | <p style="text-align: center;">Agree</p> <p style="text-align: center;">Penghui</p>                                                                                                                                                                                                                                                                                                                      |       |    |

Address of ETHICS Committee: No. 1, Northwest New Village, Lanzhou, People's Republic of China