## **Certificate of English Editing**

This letter is to certify that the manuscript titled "SPOCD1 regulates the proliferation and apoptosis of human spermatogonial stem cells through AK4" has been proofread and corrected by Jeremiah Machuki (Home for researchers editorial team) on 10 / 05 / 2022. After being checked and amended as seen appropriate, we feel that the standard of English in this manuscript satisfies the requirements of submission to journals to be considered for publication.

Sincerely,

Home for researchers editorial team

