

### **Institutional review board statement**

**Name of Journal:** World Journal of Gastroenterology

**ESPS Manuscript NO:** 31628

**Manuscript Type:** BASIC STUDY

The study was reviewed and approved by the Committee for Ethics in Animal Experimentation (CEUA/UFPB) of Institutional Review Board.

Sincerely,

Leônia Maria Batista

A handwritten signature in blue ink that reads "Leônia Maria Batista". The signature is written in a cursive style with a horizontal line underneath.