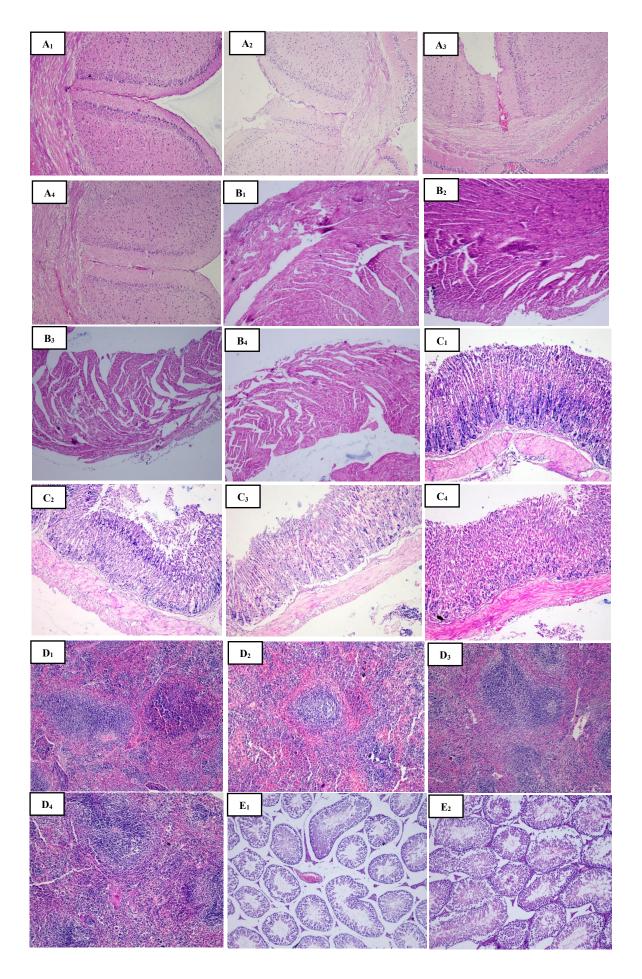
Supplementary material

TOCOSH FLOUR (Solanum tuberosum L.): A toxicological Assessment of traditional Peruvian fermented potatoes

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- **Figure S1.** Images of some tissues of male and female mice without specific alterations that received fixed doses of 2000 mg/kg and 5000 mg/kg of Tocosh Flour stained with H&E and 40X.
- A1. Male mouse at the dose of 2000 mg/kg. Brain Brain parenchyma without significant alterations.
- A2. Female mouse at the dose of 2000 mg / kg. Brain Brain parenchyma without significant alterations.
- A3. Male mouse at the dose of 5000 mg / Kg. Brain Brain parenchyma without significant alterations.
- A4. Female mouse at the dose of 5000 mg / Kg. Brain Brain parenchyma without significant alterations
- B1 Male mouse at the dose of 2000 mg / Kg. Heart Myocardium without specific alterations.
- B2 Female mouse at the dose of 2000 mg / Kg. Heart Myocardium without specific alterations.
- B3 Male mouse at the dose of 5000 mg / Kg. Heart Myocardium without specific alterations.
- B4 Female mouse at the dose of 5000 mg / Kg. Heart Myocardium without specific alterations.
- C1. Male mouse at the dose of 2000 mg / Kg. stomach Gastric mucosa without affected alterations.
- C2 Female mouse at the dose of 2000 mg / Kg. stomach Gastric mucosa without affected alterations.
- C3 Male mouse at the dose of 5000 mg / Kg. stomach- Gastric mucosa without affected alterations.
- C4. Female mouse at the dose of 5000 mg / Kg. stomach Gastric mucosa without affected alterations.
- D1 Male mouse at the dose of 2000 mg / kg. Spleen splenic parenchyma without specific alterations.
- D2 Female mouse at the dose of 2000 mg / Kg. Spleen splenic parenchyma without specific alterations
- D3 Male mouse at the dose of 5000 mg / Kg. Spleen Splenic parenchyma without specific alterations.
- D4 Female mouse at the dose of 5000 mg / Kg. Spleen splenic parenchyma without specific alterations
- E1 Male mouse at the dose of 2000 mg / Kg. Testis Testicular parenchyma without specific alterations
- E2 Male mouse at the dose of 5000 mg / Kg. Testis Testicular parenchyma without specific alterations

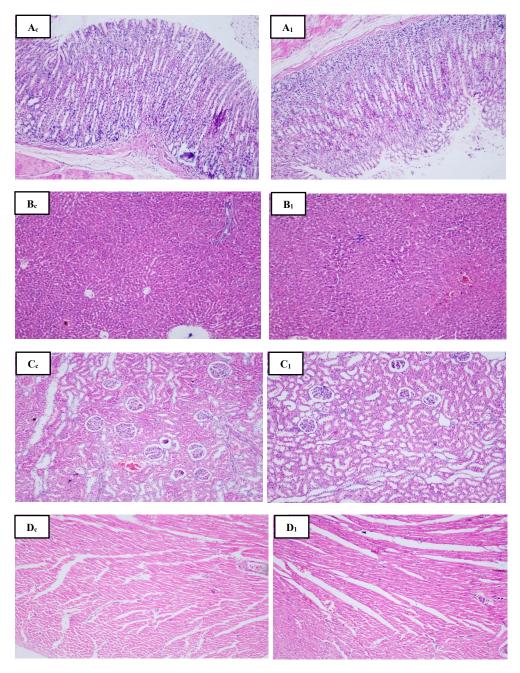


Figure S2. Images of the organ sections: Stomach (A), liver (B), Kidney (C) and heart (D), of male rats who were administered Tocosh flour for 28 days. Subscript C and 1 refer to the control group and the group administered at dose of 1000 mg / kg /day, respectively. H&E staining, 40X.

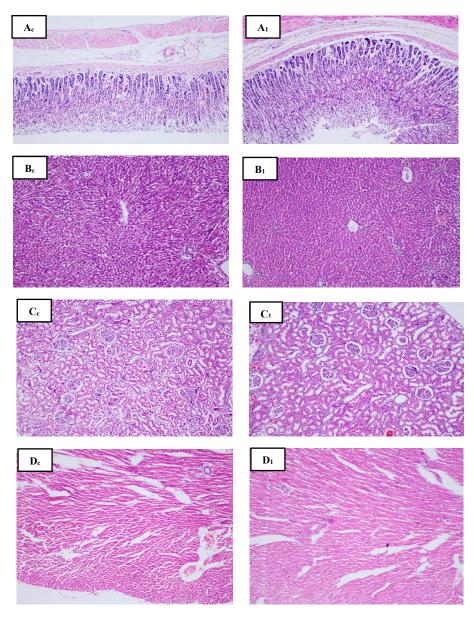


Figure S3. Images of the organ sections such as: Stomach (A), liver (B), Kidney (C) and heart (D), of female rats that were administered Tocosh flour for 28 days. Subscript C and 1 refer to the control and group administered at dose of 1000 mg / kg / day, respectively. H&E staining, 40X.