

Potential of *Tabebuia rosea* (Bertol.) DC. for Obesity Treatment

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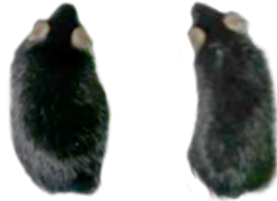
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Ethanollic extract from the bark of *Tabebuia rosea* (TrEtOH)

- Phytochemical analysis
- No evidence of toxicity

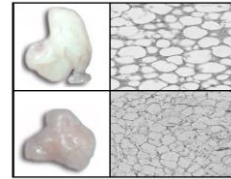


Decrease in body weight of high fat diet-induced obese mice C57BL/6 (38.43 ± 1.25 vs. 33.79 ± 0.73 g)

GLUT-4
UCP-1
TBX1



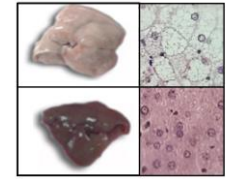
Overexpression of genes associated with browning (PCR)



Control

TrEtOH

Reduction of hypertrophic adipocytes and accumulation of triglycerides



Control

TrEtOH

Decrease in liver weight, and reduction of the size and accumulation of fat in hepatocytes

TrEtOH extract is a good candidate for clinical studies to develop drugs for the treatment of obesity and its comorbidities