

**Phytochemical content of *Cycas rumphii* n-butanol fraction and antiprotozoal activity
against *Toxoplasma gondii* in vivo**

Hosam M. El-Seadawy¹, Amany E. Ragab¹, Mona El-Aasr¹, Kamilia A. Abo El-Seoud¹, Ayat A. Elblihy^{2,3}, El-Sayed El-Alfy^{4*}, Hanan Abd Elgawad^{2,3}, Somaya Saleh⁴, Heba Sheta⁵, Rana Elseadawy⁴

¹ Department of Pharmacognosy, Faculty of Pharmacy, Tanta University, Tanta, 31527, Egypt.

² Department of Medical Parasitology, Faculty of Medicine, Mansoura University, Mansoura, 35516, Egypt.

³ Program of medicine and surgery, Mansoura National University, Gamasa, 35516, Egypt.

⁴ Parasitology Department, Faculty of Veterinary Medicine, Mansoura University, Mansoura, 35516, Egypt.

⁵ Department of Pathology, Faculty of Medicine, Mansoura University, Mansoura, 35516, Egypt.

*** Corresponding author:** El-Sayed El-Alfy: sydnabil@mans.edu.eg

Table S1: Gallic acid concentrations and absorbance for calibration curve of TPC

Conc. (µg/mL)	Absorbance
187.5	0.59
250	0.76
375	1.14
500	1.58
750	2.28
1000	3.01

Table S2: Rutin concentrations and absorbance for calibration curve of TFC

Conc. (µg/mL)	Absorbance
31.25	0.029
62.5	0.054
125	0.103
250	0.186
500	0.363
1000	0.676

Figure S1. Calibration curves of TPC and TFC. **A)** Total phenolic calibration curve of gallic acid standard. **B)** Total flavonoid calibration curve of rutin standard.

