

The environmental yeast *Cryptococcus liquefaciens* produces capsular and secreted polysaccharides with similar pathogenic properties to those of *C. neoformans*.

Glauber R de S. Araújo¹, Gustavo J.C. Freitas², Fernanda L. Fonseca³, Paulo Emilio C Leite¹, Gustavo Miranda Rocha¹, Wanderley de Souza¹, Daniel A. Santos², Susana Frases^{1*}

¹Laboratório de Ultraestrutura Celular Hertha Meyer, Instituto de Biofísica Carlos Chagas Filho, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil.

² Departamento de Microbiologia, Instituto de Ciências Biológicas, Universidade Federal de Minas Gerais, Minas Gerais, Brazil.

³ Centro de Desenvolvimento Tecnológico em Saúde. Fundação Oswaldo Cruz. Rio de Janeiro, Brazil.

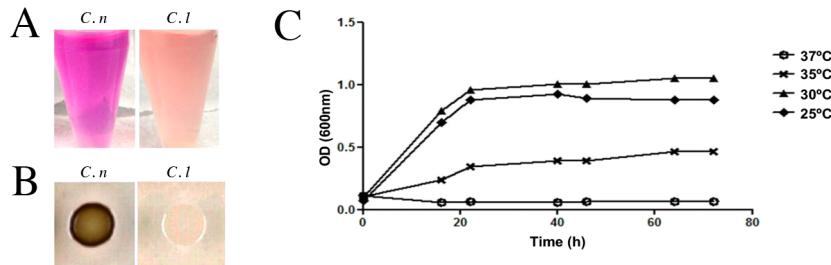


Figure S1: Physiological tests of *C. liquefaciens*. A) Urease test, showing a positive reaction for *C. neoformans*, and a negative reaction for *C. liquefaciens*. B) Melanization assay by incubation with L-dopa. Black colonies (indicative of melanization) were observed in *C. neoformans* cultures, but not in *C. liquefaciens* cultures, which were negative for melanization (only white colonies observed). C) Growth curves of *C. liquefaciens* at different temperatures, in minimal medium. X-axis correspond to time in hours. Y-axis correspond to optical density at 600 nm.