



Advances in Cryptococcus and Cryptococcosis

Guest Editors:

Dr. Nuria Trevijano-Contador

Mycology Reference Laboratory,
National Centre for Microbiology,
Instituto de Salud Carlos III,
Carretera Majadahonda-Pozuelo,
28222 Madrid, Spain

Dr. Haroldo Cesar de Oliveira

Carlos Chagas Institute, Fiocruz,
Curitiba, Brazil

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Message from the Guest Editors

Dear Colleagues,

Cryptococcosis is a fungal disease that claims more than 180,000 victims annually and is caused by the environmental fungi *C. neoformans* and *C. gattii*. These species are known for their ability to adapt to the host environment and migrate to the central nervous system, causing the most severe form of the disease, the cryptococcal meningitis, a lethal complication that is still a major therapeutic challenge. Different aspects of this yeast, i.e., virulence factors, interaction with host cells, alternative therapies, among others, have been explored by researchers with different advances in methodologies in the last few years. We invite researchers to share with us new advances, methodologies and knowledge on *Cryptococcus* and cryptococcosis with research papers, in addition to literature revisions, that compile recent advances in the knowledge of the biology of *C. neoformans* and *C. gattii*.

Keywords: *C. neoformans*; *C. gattii*; in vitro methods; virulence factors; host; capsule; titan cells; anti-cryptococcal agents; host immune response to cryptococcosis; therapies





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Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Systems Biology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

Message from the Editor-in-Chief

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Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
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