

Special Issue on
Immune Response to Fungal Infections

CALL FOR PAPERS

It is estimated that fungal diseases cause over 1.6 million deaths annually, while over 1 billion people suffer from various fungal diseases of varying severity and the incidence of fungal diseases in immunocompromised patients has increased in recent years. The tug of war between fungal survival mechanisms and various immune responses of the host is crucial when determining the success of fungal-host interactions. However, the majority of invasive fungal diseases occur in patients where the host immune system is compromised; therefore, the consequences of fungal infections depend greatly on a healthy host immunity. Despite great advances made in the last few years concerning the immune response to fungal infections, there is still much to learn, regarding both the innate and adaptive immunity.

This special issue aims to discuss recent advances in the understanding of the immune response against fungal infections. Both original research and review articles are welcomed, as are those describing new methods relevant to the field.

Potential topics include but are not limited to the following:

- ▶ Innate and adaptive immunity to fungi
- ▶ Pattern recognition receptors (PRRs) in fungal infections
- ▶ Mammalian lectins in antifungal responses and infections
- ▶ The inflammasome and other molecular mechanisms of host response during fungal infections
- ▶ New insights into the development of fungal vaccines
- ▶ Antifungal therapies
- ▶ Fungal extracellular vesicles and secreted products—fungal toxins and immunomodulators
- ▶ Glycobiology of immune response to fungal infections

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jir/irfi/>.

Papers are published upon acceptance, regardless of the Special Issue publication date.

Lead Guest Editor

Fausto Almeida, University of Sao Paulo, Ribeirao Preto, Brazil
fbralmeida@usp.br

Guest Editors

Carolina Coelho, University of Exeter, Exeter, UK
c.coelho@exeter.ac.uk

Anamelia L. Bocca, University of Brasilia, Brasilia, Brazil
albocca@unb.br

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