

## Special Issue

# Around the New Paradigm of Yeast: Multicellularity

### Message from the Guest Editor

Yeasts have mechanisms to deal with multicellularity that have only very recently been acknowledged. They communicate with each other and promote proliferation or death in a spatially controlled manner. A call for papers should contain the following potential topics and include works done in several model yeasts, including *S. cerevisiae*, *C. albicans*, *C. neoformans*, and *A. gossypii*.

- Yeast cell surface biology/glycobiology;
- Yeast extracellular matrix chemical and structural characterization;
- Secretion mechanisms of wall, matrix, or capsule components;
- Cell-cell recognition, communication, and adhesion;
- Molecular biology of yeasts adhesion versus invasion;
- Molecular biology of yeasts growth polarity/differentiation;
- Cellular differentiation in response to multicellular constraints;
- Molecular drivers of yeast multicellularity;
- Biology of yeast multicellular aggregates (population biology, quorum sensing, etc.);
- New techniques and methodologies to study yeast multi/extracellular biology.

### Guest Editor

Assoc. Prof. Cândida Lucas

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### Deadline for manuscript submissions

closed (31 December 2020)



## International Journal of Molecular Sciences

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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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