



Around the New Paradigm of Yeast: Multicellularity

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Deadline for manuscript
submissions:

closed (31 December 2020)

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.





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Message from the Editor-in-Chief

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