



Protein Engineering of Yeast

Guest Editor:

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Message from the Guest Editor

Protein engineering is the purposeful modification of a protein's sequence, structure, or expression. In a simple example, one's favorite protein may be altered to facilitate the overexpression of a tagged version in yeast, which generates large quantities of yeast for in vitro investigations. In more complex cases, several foreign enzymes may be expressed in yeast to create a robust metabolic pathway for producing, for example, biofuels or medicines. Bioengineered yeasts have also been used for vaccine development, reprogramming a protein's fate, directed evolution, and protein-based library screening. This Special Issue will highlight the versatility and power of yeast as a platform for protein engineering. Papers describing research using all yeast species are welcome, including *Saccharomyces cerevisiae*, *Cryptococcus neoformans*, *Pichia pastoris*, and *Yarrowia lipolytica*.





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Message from the Editor-in-Chief

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