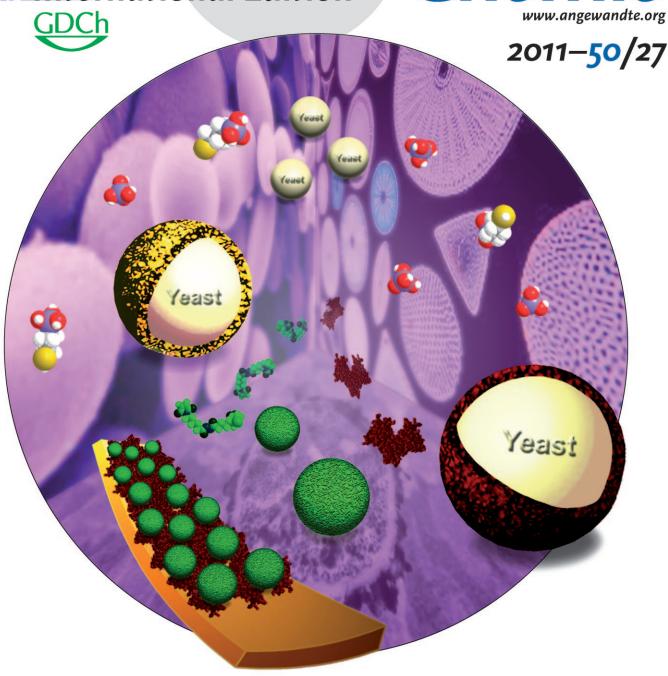
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Single-cell encapsulation ...

... with artificial inorganic shells can be coupled with shell-surface functionalization. In their Communication on page 6115 ff., I. S. Choi and co-workers report the individual encapsulation of living yeast cells within thiol-functionalized silica shells (yellow shells). The silica shells are functionalized with biotin (green), and then are either spatioselectively immobilized onto a defined surface or complexed with streptavidin in solution (brown).



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Sung Ho Yang, Eun Hyea Ko, Young Hwan Jung, and Insung S. Choi*

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