

Fabrication of living cellosomes of rod-like and rhombohedral morphologies based on magnetically responsive templates

Fakhrullin R., Paunov V.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

We have developed hollow multicellular structures by polyelectrolyte-mediated self-assembly of yeast cells around magnetically responsive inorganic templates and have demonstrated the cells' viability in the produced "cellosomes" after the subsequent dissolution of the core-particles. © The Royal Society of Chemistry 2009.

<http://dx.doi.org/10.1039/b902260k>
