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Photomicrograph of CRFK cell-enclosing microcapsules prepared from a photopolymerizable polysaccharide which was chemically-derivatized from a natural polysaccharide via irradiation with a visible light source. Diameters of the cell-enclosing microcapsules can be controlled and a low-cost LED device was used as the visible light source.

Related article: Mu, C.J. *et al.*, "Preparation of cell-enclosing microcapsules through photopolymerization of methacrylated alginate solution triggered by irradiation with visible light", **J. Biosci. Bioeng.**, Volume 109, Issue 6, Pages 618–620 (2010).

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