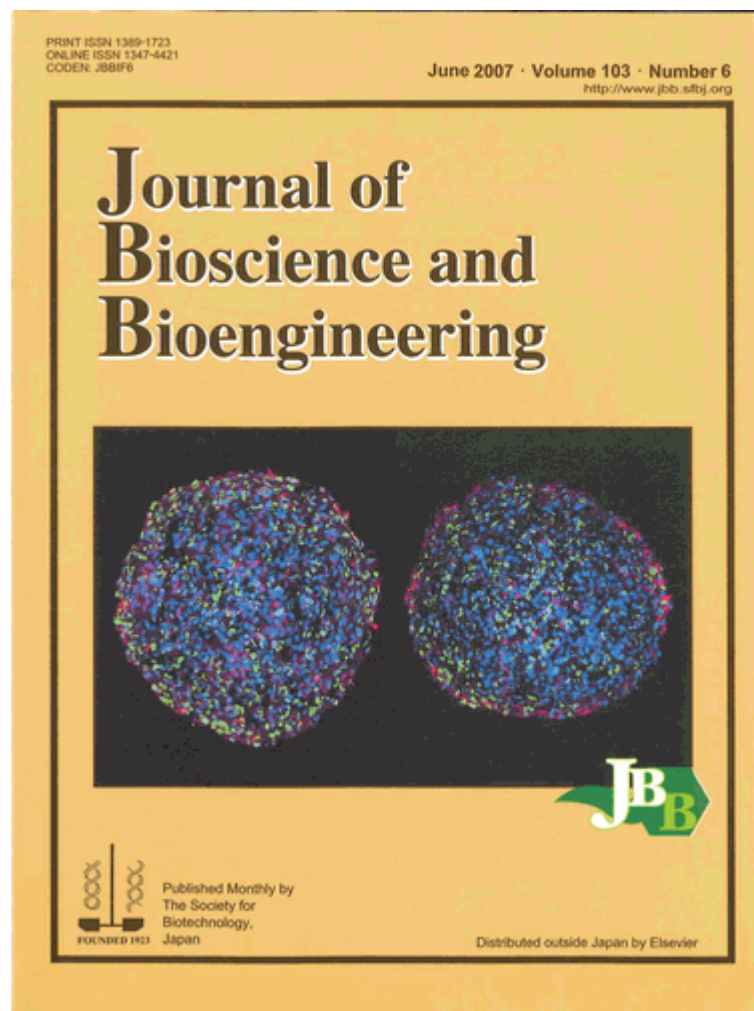


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Typical fluorescence images of immunostained neurosphere sections.

The neurosphere sections were counterstained with TO-PRO-3 (blue) and immunostained with a proliferating cell marker (anti-BrdU antibody: green) and a glial cell marker (left-hand image: anti-GFAP antibody, red) or neuronal cell marker (right-hand image: anti- β III tubulin antibody, red). Image cytometry revealed new findings in terms of the localization of specific types of neural cells and the regional fluctuation of cell density in neurospheres.

Related article: Mori, H., Ninomiya, K., Kanemura, Y., Yamasaki, M., Kino-oka, M., and Taya, M., "Image cytometry for analyzing regional distribution of cells inside human neurospheres", *J. Biosci. Bioeng.*, vol. 103, 384-387 (2007).

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