



Featuring work from Biosensing research group of Dr. Yamamura Group Leader, Health and Medical Research Institute, National Institute of Advanced Industrial Science and Technology (AIST), Takamatsu, Kagawa, Japan.

Selective cell retrieval method using light-responsive gas-generating polymer-based microarrays

Light-responsive gas-generating polymer-based (LGP) microarrays, generating nitrogen gas by selective light irradiation using a normal fluorescence microscope, allow easy and selective retrieval of adhered cell groups or single cells with only harmless light irradiation. This LGP microarrays method contributes to the high-throughput screening and analysis of rare single-cells such as circulating tumor cells.

As featured in:



See Shohei Yamamura *et al.*,  
*Lab Chip*, 2022, **22**, 1498.