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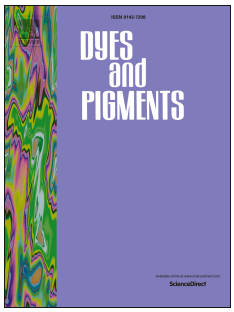

A ratiometric fluorescent sensor for pH fluctuation and its application in living cells with low dark toxicity

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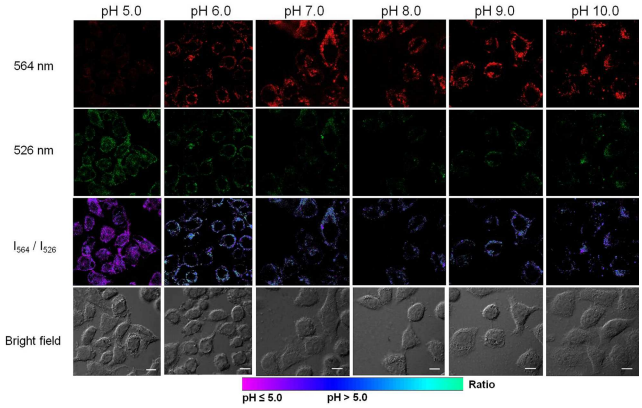

Graphical Abstract

With a ratiometric fluorescent pH sensor, stimulated pH fluctuation has been successfully tracked in a ratiometric manner via fluorescence imaging with low dark toxicity.