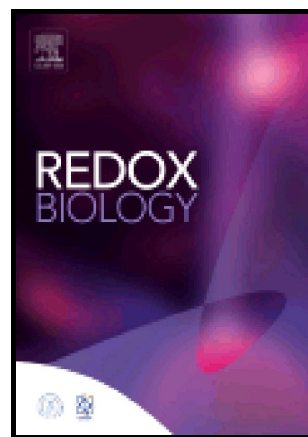


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Co-imaging extrinsic, intrinsic and effector caspase activity by fluorescence anisotropy microscopy

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Running Title: Co-imaging three apoptotic pathways

Keywords: caspase activity, apoptotic network, anisotropy FRET biosensor, co-monitoring, imaging, polarization microscopy

Summary

Three spectrally distinct anisotropy FRET-based biosensors are demonstrated by co-monitoring caspase 8, 9 and 3 activity upon apoptotic stimulus. Signal analysis together with biochemical modelling render a correlative dataset valuable for understanding signalling networks topology.

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