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Tracking the nuclear wide dynamics of live cell nucleosome proximity by fluorescence anisotropy imaging of histone FRET

Thursday 15 December 2022 14:00 (15 minutes)

Here we present a powerful new microscopy method based on fluorescence anisotropy imaging microscopy (FAIM) of Förster resonance energy transfer (FRET) between fluorescently labelled nucleosomes to spatiotemporally map live cell genome organisation in real time with super resolution.

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