Lamin-dependent mobility of chromatin studied by SPIM-FCS
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Nuclear lamins interact with chromatin determining its spatial organization.

We observe chromatin dynamics in live MAF cells labelling histones with fluorescent proteins.

Fluorescence Correlation Spectroscopy on a Single Plane Illumination Microscope yields maps of mobility parameters.

How chromatin motion changes in cells lacking lamin A?

![Diagram of cell structure with labels for lamins, nuclear membrane, pore complex, chromatin, nucleoplasm, and lamin-associated proteins.](Image)

![Histogram showing mobility parameter distribution](Image)