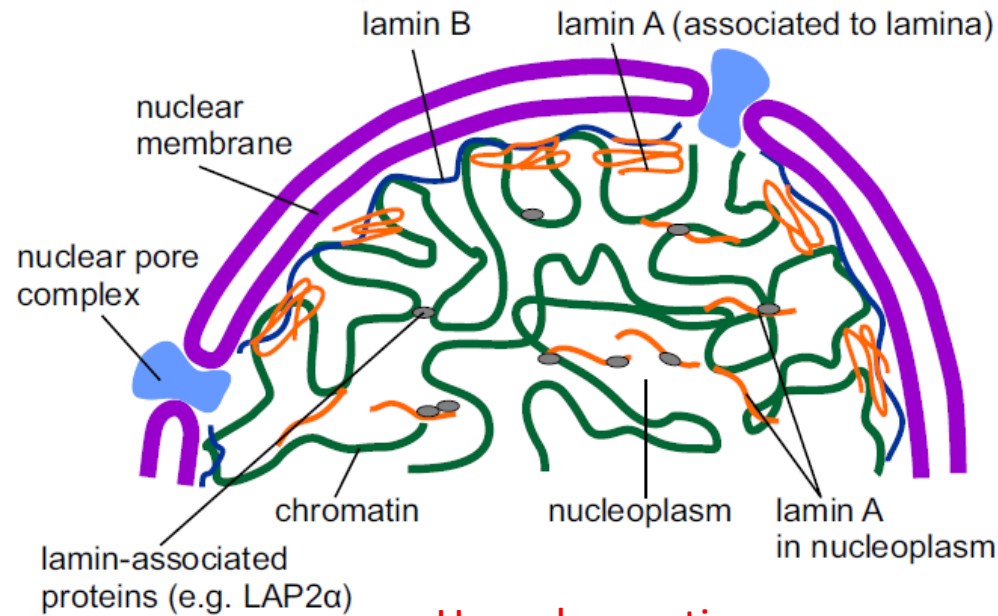


# Lamin-dependent mobility of chromatin studied by SPIM-FCS

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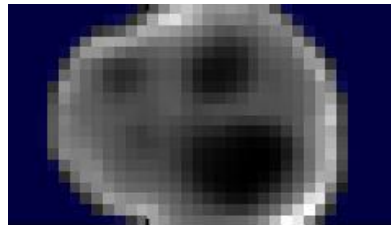
Nuclear lamins interact with chromatin determining its spatial organization.

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

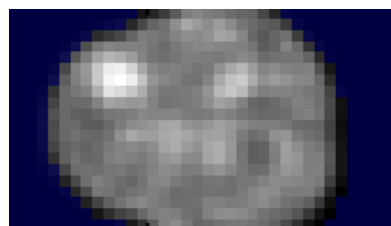
Fluorescence Correlation Spectroscopy on a Single Plane Illumination Microscope yields maps of mobility parameters.

How chromatin motion changes in cells lacking lamin A?

laminA-eGFP



histone H2A-mRFP



overlay

