

The role of linker DNA in chromatin fibers Brouwer, T.B.

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The Role of Linker DNA in Chromatin Fibers

The Role of Linker DNA in Chromatin Fibers

PROEFSCHRIFT

ter verkrijging van de graad van Doctor aan de Universiteit Leiden, op gezag van Rector Magnificus prof. mr. C. J. J. M. Stolker, volgens besluit van het College voor Promoties te verdedigen op woensdag 4 november 2020 klokke 11:15 uur

door

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geboren te Amsterdam, Nederland in 1987

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Cover: The Unknown Pleasures of Stretching Chromatin. The cover depicts an artistic rendering of force-spectroscopy data, extension in time, measured while stretching many unique chromatin fibers. The curves were median-filtered, randomly amplified in extension, occasionally reversed in time, and some artificial noise was added to emulate the iconic cover of Unknown Pleasures, the debut record of Joy Division. Cover design: Valérie Nusman and Thomas B. Brouwer.

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To Sandra (and the little one)

"I can appreciate the beauty of a flower. At the same time, I see much more about the flower than (the artist) sees. I could imagine the cells in there, the complicated actions inside, which also have a beauty. It only adds." *Richard P. Feynman*

$\mathrm{C}\,\mathrm{o}\,\mathrm{n}\,\mathrm{t}\,\mathrm{e}\,\mathrm{n}\,\mathrm{t}\,\mathrm{s}$

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