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Novel molecular targets in hepatic stellate cells for the treatment of liver fibrosis

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NATALIA SMITH CORTÍNEZ

Novel molecular targets in hepatic stellate
cells for the treatment of liver fibrosis

The research conducted in this thesis was performed mainly in the Department of Hepatology and Gastroenterology, University Medical Center Groningen, University of Groningen, the Netherlands.

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university of
groningen

Novel molecular targets in hepatic stellate cells for the treatment of liver fibrosis

PhD Thesis

to obtain the degree of PhD at the University of
Groningen on the authority of the Rector Magnificus
prof. C Wijmenga and in accordance with the decision
by the College of Deans.

This thesis will be defended in public
on Tuesday 7 July 2020 at 9.00 hrs.

By

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“...ya no pensemos más: ésta es la casa:

ya todo lo que falta será azul,

lo que ya necesita es florecer.

Y eso es trabajo de la primavera”

A La Sebastiana, Pablo Neruda

“... Let's not think anymore: this is the house:

All that is missing will be blue,

what it now needs is to flourish,

And that's spring work”

To La Sebastiana, Pablo Neruda

To

my beloved husband, César

and parents, Norman y Valeria

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