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Human cell-based in vitro systems for vaccine evaluation

Tapia Calle, María Gabriela

DOI:
[10.33612/diss.100812074](https://doi.org/10.33612/diss.100812074)

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Document Version
Publisher's PDF, also known as Version of record

Publication date:
2019

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):
Tapia Calle, M. G. (2019). *Human cell-based in vitro systems for vaccine evaluation*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.100812074>

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**Human cell-based *in vitro*
systems for vaccine evaluation**

María Gabriela Tapia Calle

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ISBN: 978-94-034-2048-6 (e-book)

ISBN: 978-94-034-2047-9 (print)

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The work described in this thesis was performed in the Laboratory of Vaccinology, department of Medical Microbiology of the University of Groningen and the University Medical Center Groningen (The Netherlands).

Printing of this thesis was financially supported by the Graduate School of Medical Sciences of the University of Groningen and the Groningen University Library.

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Cover and layout design by Claudia González Arévalo
claudia@tangroop.com

Printed by Ipskamp printing

university of
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Human cell-based *in vitro* systems for vaccine evaluation

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

Monday 18 November 2019 at 16.15 hours

by

María Gabriela Tapia Calle

born on 1 June 1989
in Santiago, Chile

Supervisors

Prof. A.L.W. Huckriede
Prof. C.A.H.H. Daemen

Assessment Committee

Prof. A.M.H. Boots
Prof. E. Bremer
Prof. X. Saelens

Paranymphs

Georgia Koutsoumpli

Guido Trentadue

Jens Seidel

***A mi familia
Mamá, Papá y Nicky***

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An illustration featuring laboratory glassware: a large bottle with red liquid and particles, a small ampoule with blue liquid, and a test tube with red liquid and particles. A scientist in a white lab coat and red pants is shown next to the test tube. The background is light blue with a dark blue vertical bar on the right.

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