Using functional genetic screens to understand and overcome PARP inhibitor resistance

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2022

About the cover:
One of the main findings of this thesis is that induction of post-replicative single-stranded DNA (ssDNA) gaps can revert resistance to PARP inhibitors in cancer cells. This cover depicts a subway-like network where each line represents a replicating DNA strand. Divergent lines represent replication forks and spaces between thinner lines indicate the ssDNA gaps. The “Mind the ssDNA gap” symbol alludes to the widely known London Tube “Mind the gap” warning.

Cover design: Ilse Modder | www.ilsemodder.nl
Cover concept: Mariana Paes Lobo Lopes Dias
Thesis lay-out: Ilse Modder | www.ilsemodder.nl
Printing: Gildeprint Enschede | www.gildeprint.nl

ISBN: 978-94-6419-668-9

Using functional genetic screens to understand and overcome PARP inhibitor resistance

Proefschrift

ter verkrijging van
de graad van doctor aan Universiteit Leiden,
op gezag van rector magnificus prof.dr.ir. H. Bijl,
volgens besluit van het college voor promoties
te verdedigen op woensdag 18 januari 2023
klokke 15:00 uur

door

Mariana Paes Lobo Lopes Dias
geboren te Faro, Portugal
in 1994

Promotor:
Prof.dr. J.M.M. Jonkers
Prof.dr. S. Rottenberg (University of Bern)

Co-promotor:
Dr. R.J.P. Bouwman

Promotiecommissie:
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The research described in this thesis was performed at the Division of Molecular Pathology of the Netherlands Cancer Institute – Antoni van Leeuwenhoek Hospital (NKI-AVL) (Amsterdam, The Netherlands) and was financially supported by the European Union Horizon 2020 research and innovation program under the Marie Sklodowska-Curie grant (agreement 722729) and by the Oncode Institute and Cancer Genomics Netherlands.

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