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## **RAD51 as biomarker for the identification of homologous recombination deficient gynaecological carcinomas**

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### **Citation**

Wijk, L. M. van. (2024, June 12). *RAD51 as biomarker for the identification of homologous recombination deficient gynaecological carcinomas*. Retrieved from <https://hdl.handle.net/1887/3762708>

Version: Publisher's Version

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**Note:** To cite this publication please use the final published version (if applicable).

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**ISBN** 978-94-6506-099-6

**Printed by** Ridderprint.nl

**Cover design** Lise M. van Wijk

**Lay-out design** Maaike Disco, proefschriftopmaak.nl

Financial support for the production and printing of this thesis was kindly provided by Dr. Falk Pharma Benelux B.V. and Ferring B.V.

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# **RAD51 as biomarker for the identification of homologous recombination deficient gynaecological carcinomas**

RAD51 als biomarker voor de selectie  
van homologe recombinatie deficiënte  
gynaecologische tumoren

## **Proefschrift**

ter verkrijging van  
de graad van doctor aan de Universiteit Leiden,  
op het gezag van rector magnificus prof.dr.ir. H. Bijl,  
volgens besluit van het college voor promoties  
te verdedigen op woensdag 12 juni 2024  
klokke 11:15 uur

door

**Lise Marit van Wijk**  
geboren te Alblasserdam  
in 1993

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## **Prologue**

This thesis contains the results of six years of carefully designed and conducted scientific research. It describes the journey that we have undertaken to explore the use of RAD51, an important protein involved in the repair of DNA-double strand breaks, as a biomarker for homologous recombination deficiency in gynaecological carcinomas. This endeavor led to surprising discoveries, but also brought negative results and the need to change direction. By recording this process, I hope that every piece of information we obtained, both positive and negative, can be of value for future research, and most importantly, for the patients who could benefit from it.

*Voor mijn lieve papa,*

*'Ring the bells that still can ring  
Forget your perfect offering  
There is a crack, a crack in everything  
That's how the light gets in'  
- Anthem, Leonard Cohen*