



Tailored to fit: balancing over- and undertreatment in early-stage triple-negative breast cancer patients

Wang, Y.

Citation

Wang, Y. (2026, February 10). *Tailored to fit: balancing over- and undertreatment in early-stage triple-negative breast cancer patients*. Retrieved from <https://hdl.handle.net/1887/4289602>

Version: Publisher's Version

[Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

License: <https://hdl.handle.net/1887/4289602>

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

Tailored to Fit

**Balancing Over- and Undertreatment in Early-Stage
Triple-Negative Breast Cancer Patients**

Yuwei Wang 王雨薇

The work presented in this thesis was performed at the Netherlands Cancer institute – Antoni van Leeuwenhoek, Amsterdam, the Netherlands.

The research was supported by the Dutch Cancer Society KWF grant (number 11655/2018-1) and an institutional grant of the Dutch Cancer Society and of the Dutch Ministry of Health, Welfare and Sport.

Financial support for the publication of this thesis was kindly provided by the Netherlands Cancer Institute – Antoni van Leeuwenhoek.

Cover design: Yuwei Wang and studio shu

Layout: Wendy Bour-van Telgen

Printing: Gildeprint Enschede | www.gildeprint.nl

ISBN: 978-94-6496-515-5

Copyright © 2026 Yuwei Wang, Amsterdam, the Netherlands

All rights reserved. No part of this publication may be reproduced, stored, or transmitted in any form by any means, without prior permission of the copyright owner

Tailored to Fit

Balancing Over- and Undertreatment in Early-Stage Triple-Negative Breast Cancer Patients

Proefschrift

ter verkrijging van
de graad van doctor aan de Universiteit Leiden,
op gezag van rector magnificus prof.dr. S. de Rijcke,
volgens besluit van het college voor promoties
te verdedigen op dinsdag 10 februari 2026
klokke 10 uur
door
Yuwei Wang
geboren te Xi'an, China
in 1994

Promotores: prof.dr.ir. M.K. Schmidt
prof.dr. S.C. Linn *Universitair Medisch Centrum Utrecht*

Leden promotiecommissie prof.dr. J.E.A. Portielje
prof. dr. F.E. van Leeuwen *Vrije Universiteit Amsterdam*
prof.dr. P. Devilee
prof.dr. H. Putter
prof.dr. S. Siesling *Universiteit Twente*

TABLE OF CONTENTS

Chapter 1	General introduction	7
Chapter 2	External validation and clinical utility assessment of PREDICT breast cancer prognostic model in young, systemic treatment-naïve women with node-negative breast cancer	27
Chapter 3	Prognostic Value of Stromal Tumor-Infiltrating Lymphocytes in Young, Node-Negative, Triple-Negative Breast Cancer Patients Who Did Not Receive (neo)Adjuvant Systemic Therapy	63
Chapter 4.1	Letter to the editor regarding: 'Association between <i>BRCA</i> mutational status and survival in patients with breast cancer: a systematic review and meta-analysis'	97
Chapter 4.2	Long-term outcomes of young, node-negative, chemotherapy-naïve, triple-negative breast cancer patients according to <i>BRCA1</i> status	105
Chapter 5	Including tumor-infiltrating lymphocytes into the PREDICT prognostic model for triple-negative breast cancer survival	149
Chapter 6	General discussion	189
Chapter 7	Summary	210
	Nederlandse samenvatting	213
	List of publications	216
	About the author	218
	Acknowledgments	219