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The power of help: mechanistic insights into CD4⁺ T cell differentiation in vaccination and cancer

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Citation

Bosma, D. M. T. (2026, April 22). *The power of help: mechanistic insights into CD4⁺ T cell differentiation in vaccination and cancer*. Retrieved from <https://hdl.handle.net/1887/4302663>

Version: Publisher's Version

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

The power of Help:
Mechanistic insights into CD4⁺ T cell
differentiation in vaccination and cancer

Douwe M. T. Bosma

About the cover

The cover depicts a mountain range shaped over time by the combined forces of water, earth, sun and wind working together to create and sculpt its peaks. These converging forces symbolize the concept of “help”: coordinated signals and interactions that guide T cell differentiation. The mountain slopes represent the major challenges the immune system, and T cells in particular, face when combatting viruses, bacteria and cancer. Each ridge, though similar in appearance, reflects distinct CD4⁺ T cell differentiation trajectories that may arise from comparable forces, yet are shaped differently by specific interactors across space and time. The night sky represents the expanding horizon of knowledge, placing individual discoveries within a broader immunological landscape and underscoring the importance of understanding how helper T cells shape protective immunity.

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Cover design and design: Joey Roberts | www.ridderprint.nl
Print: Ridderprint | www.ridderprint.nl
ISBN: 978-94-6537-289-1

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Financiële totstandkoming

Het onderzoek gepresenteerd in dit proefschrift is uitgevoerd op de afdeling Immunologie van het Leids Universitair Medisch Centrum, Nederland. Het onderzoek in dit proefschrift is mede tot stand gekomen door financiële ondersteuning van KWF Kankerbestrijding en Oncode Institute. Het drukwerk van dit proefschrift is mede tot stand gekomen door financiële ondersteuning van Kancha Finance & Consultancy en Universiteit Leiden.

**The power of Help:
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vaccination and cancer**

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 woensdag 22 april 2026
klokke 14:30 uur

door

Douwe Menno Tjebbe Bosma
geboren te Rotterdam
in 1996

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