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

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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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