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The repercussions of recognition: imprints of T cells on the tumor microenvironment

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The Repercussions of Recognition

Imprints of T cells on the Tumor Microenvironment

Maarten Slagter

Cover design by Maarten Slagter.

The repercussions of T cell recognition can reach far beyond the antigen-presenting cell. The titan Atlas, from Greek mythology, represents an HLA molecule, presenting a cytosolic peptide to the extracellular world. The Greek pillars, atypically bent and representing a T cell receptor (TCR), rest heavily on the Atlas's shoulders. The pressure on his feet exerted by the TCR causes the ground to ripple far beyond Atlas's position.

Code to simulate the waves is inspired by

<https://www.ixm-ibrahim.com/explanations/simulating-water-ripples> and available at <https://github.com/slagtermaarten/thesis-waves>.

The depiction of Atlas was generated by Microsoft Copilot and manually shaded. The font used on the cover is Yu Gothic.

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