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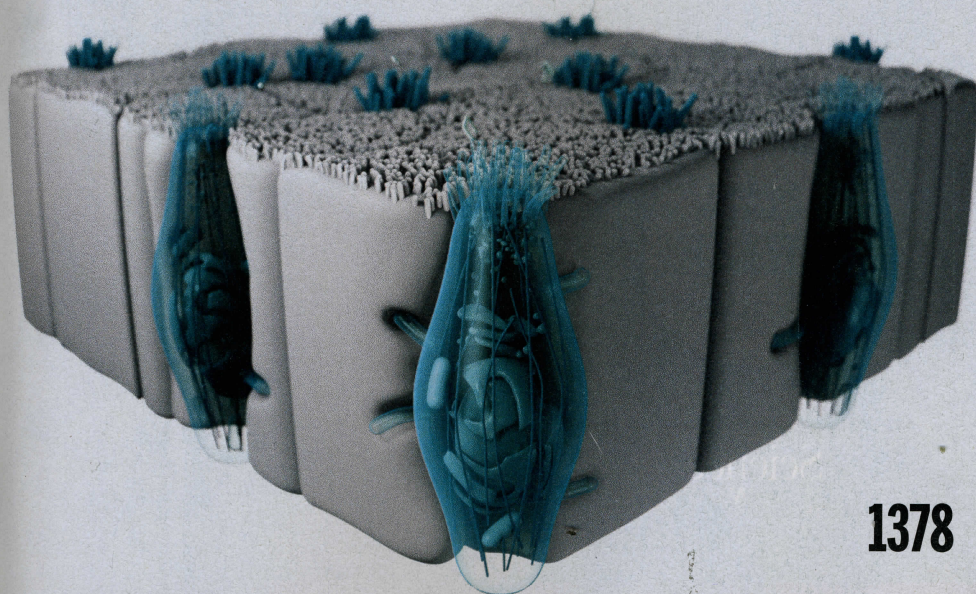
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REVIEW SUMMARY; FOR FULL TEXT:

[dx.doi.org/10.1126/science.aau8299](https://doi.org/10.1126/science.aau8299)

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ON THE COVER



T cells (specialized immune cells that can destroy tumors) may lose functionality during development, depicted here as balls rolling down sloped tracks. High levels of potassium (orange)

preserve T cells in a “stem-like” state that maintains their ability to persist, divide, and fight tumors. The presence of tumor-specific T cells with stem cell-like properties helps to explain the effectiveness of cancer immunotherapies and guides the design of improved treatments.

See pages 1395 and 1417.

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