

Cover image: Pictured are immune cells (green) surrounding an ovalbumin-expressing brain tumor cell (pink). An antigen-specific cytotoxic T cell (yellow-red) establishes an interface with its target glioma tumor cell, forming a non-Kupfer-type immunological synapse. Jieping Yang et al. determined that an effective cytolytic immune response does not depend on an increased frequency of Kupfer-type immunological synapses in vivo. The findings suggest that T-cell immune response in the brain is mediated by a range of morphological synaptic specializations. See the article by Yang et al. on pages 4716–4721. Image courtesy of N. S. R. Sanderson.

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