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Cover picture: A dendritic cell from rat pseudoafferent intestinal lymph, labeled for major histocompatibility complex class II (red) and apoptotic DNA (green). The DNA derives from endocytosed enterocytes, as these dendritic cells also contain nonspecific esterase variants with the electrophoretic characteristics of enterocyte esterases, and some contain enterocyte-restricted cytokeratin. These features are only found in a CD4+OX41− subpopulation of dendritic cells. This subpopulation of rapidly turning over dendritic cells migrates constitutively and continually into T cell areas of mesenteric lymph nodes. We suggest that this subpopulation may be involved, directly or indirectly, in cross-tolerance to self-antigens and in the induction of oral tolerance. See related article in this issue by Huang et al., pp. 435–443.
Negative regulation of phagocytosis in murine macrophages by the Src kinase family member, Fgr

The first α helix of interleukin (IL)-2 folds as a homotetramer, acts as an agonist of the IL-2 receptor β chain, and induces lymphokine-activated killer cells

CD40-independent pathways of T cell help for priming of CD8+ cytotoxic T lymphocytes

Expression cloning of an immunodominant family of Mycobacterium tuberculosis antigens using human CD4+ T cells

Sensitivity to sunburn is associated with susceptibility to ultraviolet radiation-induced suppression of cutaneous cell-mediated immunity

Evidence for the chronic in vivo production of human T cell leukemia virus type I Rof and Tof proteins from cytotoxic T lymphocytes directed against viral peptides

A broad spectrum secreted chemokine binding protein encoded by a herpesvirus

Somatic hypermutation in MutS homologue (MSH)3-, MSH6-, and MSH3/MSH6-deficient mice reveals a role for the MSH2–MSH6 heterodimer in modulating the base substitution pattern