

**ON THE COVER**  
False color intravital microscopy image of interferon-producing cells (yellow) migrating out of high endothelial venules (purple) into peripheral lymph nodes in response to an inflammatory stimulus. Related article by Diacovo et al.  
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Trashing *Salmonella*  
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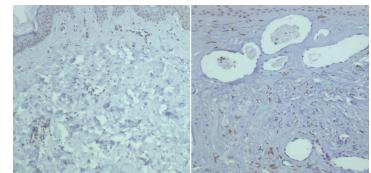
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- 625** Repression of SPI2 transcription by nitric oxide-producing, IFN $\gamma$ -activated macrophages promotes maturation of *Salmonella* phagosomes

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Tumor tissue (right) from patients with tuberous sclerosis complex contains increased numbers of CD68 $^{+}$  cells (brown) due to the increased production of the chemokine MCP-1.  
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- 637** Type I interferons act directly on CD8 T cells to allow clonal expansion and memory formation in response to viral infection

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- 651** A severe defect in CRAC Ca $^{2+}$  channel activation and altered K $^{+}$  channel gating in T cells from immunodeficient patients

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- 663** MT1-matrix metalloproteinase directs arterial wall invasion and neointima formation by vascular smooth muscle cells

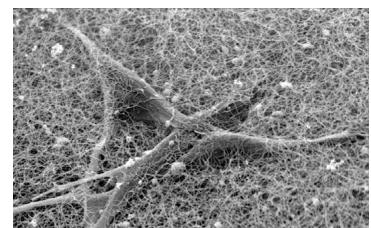
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- 673** Broadly targeted human cytomegalovirus-specific CD4 $^{+}$  and CD8 $^{+}$  T cells dominate the memory compartments of exposed subjects

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- 687** Adhesive mechanisms governing interferon-producing cell recruitment into lymph nodes

Thomas G. Diacovo, Amanda L. Blasius, Tak W. Mak, Marina Celli, and Marco Colonna  
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Scanning electron micrograph showing vascular smooth muscle cells migrating in a collagen matrix, a process that requires mobilization of the metalloprotease MT1-MMP.

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- 697** Unexpected prolonged presentation of influenza antigens promotes CD4 T cell memory generation

Dawn M. Jolley-Gibbs, Deborah M. Brown, John P. Dibble, Laura Haynes, Sheri M. Eaton, and Susan L. Swain

- 707** Protein phosphatase subunit G5PR is needed for inhibition of B cell receptor-induced apoptosis

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- 721** Correction