VOLUME 14 NUMBER 5 MAY 2013
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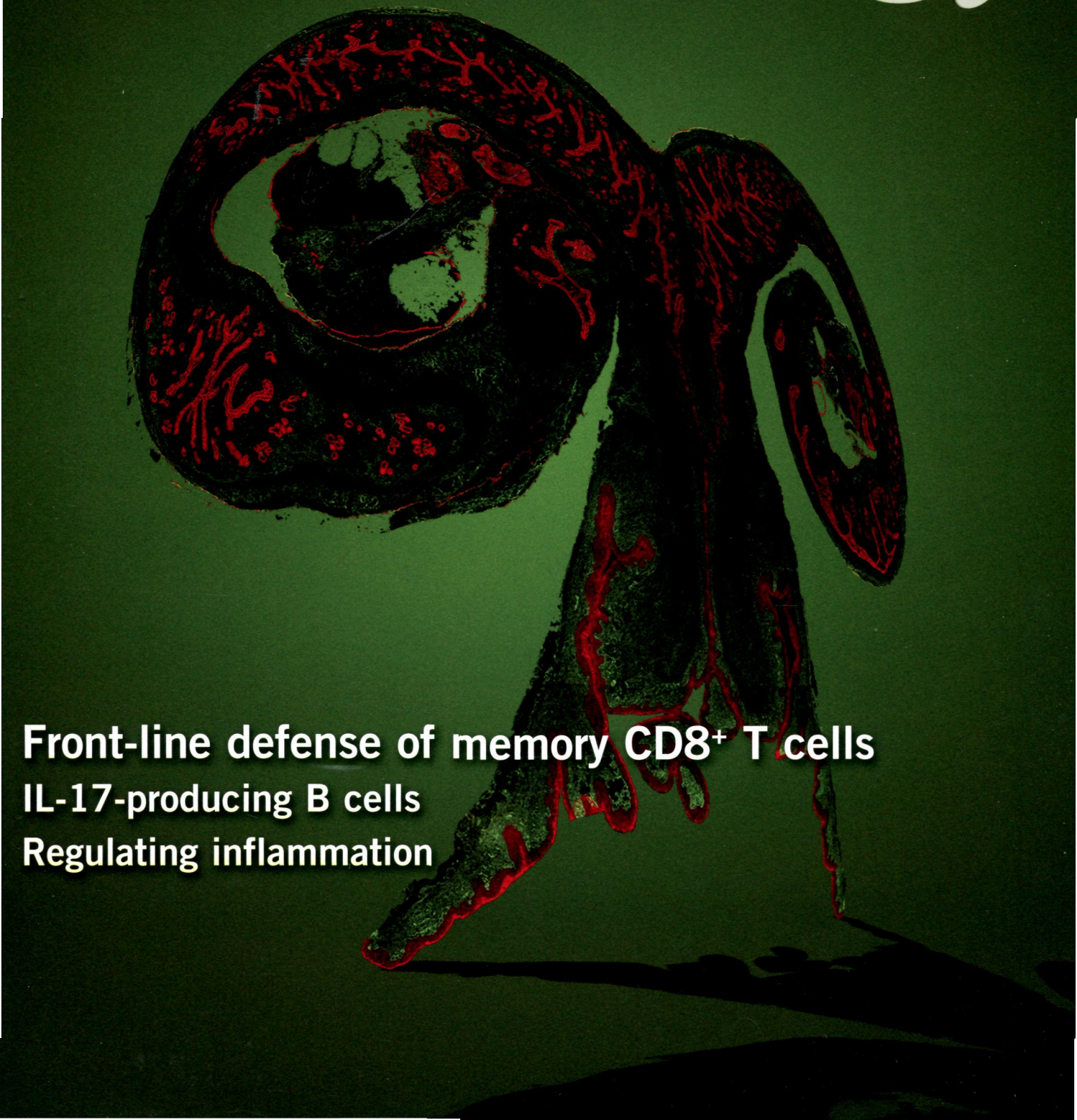

Front-line defense of memory CD8$^+$ T cells

IL-17-producing B cells

Regulating inflammation

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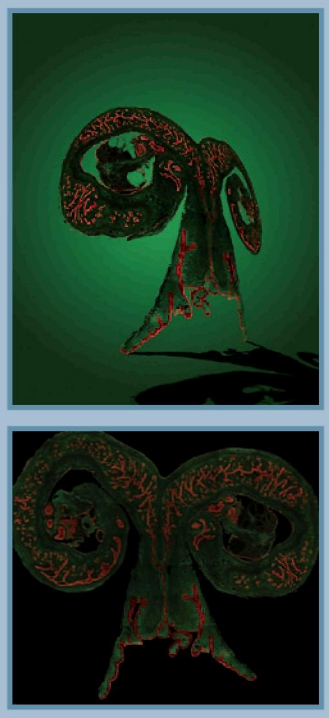
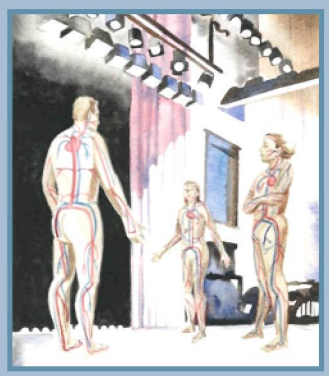
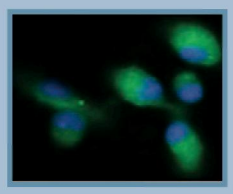


Tissue-resident effector memory CD8$^+$ T cells serve as sentinels. Masopust and colleagues (p 509) show that antigen-specific memory cells secrete IFN-γ, eliciting chemokine production to recruit circulating memory cells to the site of reinfection. The original image, by Jason M. Schenkel, is a representative section of the mouse female reproductive tract. Epithelium is stained with anti-cytokeratin (red), and fibroblasts and reticular fibers are stained with anti-ER-TR7 (green). Artwork by Lewis Long.

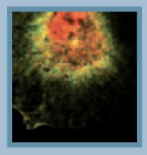


Science in art (p 416)

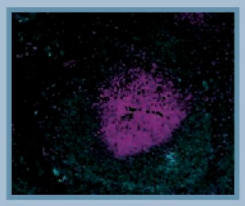
Nature Immunology (ISSN 1529-2908) is published monthly by Nature Publishing Group, a trading name of Nature America Inc. located at 75 Varick Street, FI 9, New York, NY 10013-1917. Periodicals postage paid at New York, NY and additional mailing post offices. **Editorial Office:** 75 Varick Street, FI 9, New York, NY 10013-1917. Tel: (212) 726 9207, Fax: (212) 696 9752. **Annual subscription rates:** USA/Canada: US$225 (personal), US$4,677 (institution). Canada add 5% GST #140911595rt001; Euro-zone: €287 (personal), €3,713 (institution); Rest of world (excluding China, Japan, Korea): £185 (personal), £2,400 (institution); Japan: Contact NPG Nature Asia-Pacific, Chiyoda Building, 2-37 Ichigayatamachi, Shinjuku-ku, Tokyo 162-0843. Tel: 81 (03) 3267 8751, Fax: 81 (03) 3267 8746. **POSTMASTER:** Send address changes to *Nature Immunology*, Subscriptions Department, 75 Varick Street, 9th Floor, New York, NY 10013-1917. **Authorization to photocopy** material for internal or personal use, or internal or personal use of specific clients, is granted by Nature Publishing Group to libraries and others registered with the Copyright Clearance Center (CCC) Transactional Reporting Service, provided the relevant copyright fee is paid direct to CCC, 222 Rosewood Drive, Danvers, MA 01923, USA. Identification code for *Nature Immunology*: 1529-2908/04. **Back issues:** US$45, Canada add 7% for GST. CPC PUB AGREEMENT #40032744. Printed on acid-free paper by The Sheridan Press, Hanover, PA, USA.



Regulating inflammasomes (p 480)



Microtubule-mediated activation (pp 421 and 454)



IL-17$^+$ B cells (pp 419 and 514)

NATURE IMMUNOLOGY CLASSIFIED

See back pages.