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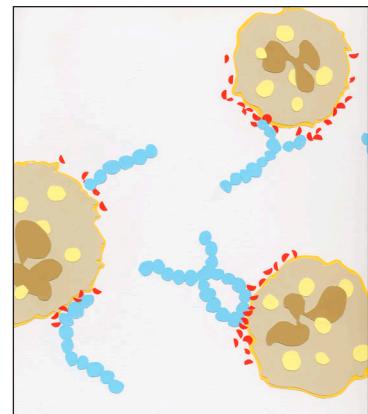
- 1640 Jacques Banchereau: On a quest for cures
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- 1643 Nine lives: plasticity among T helper cell subsets
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- 1647 Vicious circle: systemic autoreactivity in Ro52/TRIM21-deficient mice
Silvia Bolland and Adolfo Garcia-Sastre

BRIEF DEFINITIVE REPORTS

- 1653 IL-9 as a mediator of Th17-driven inflammatory disease
Elizabeth C. Nowak, Casey T. Weaver, Henrietta Turner, Sakhina Begum-Haque, Burkhard Becher, Bettina Schreiner, Anthony J. Coyle, Lloyd H. Kasper, and Randolph J. Noelle
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- 1661 Loss of the lupus autoantigen Ro52/Trim21 induces tissue inflammation and systemic autoimmunity by disregulating the IL-23–Th17 pathway
Alexander Espinosa, Valerie Dardalhon, Susanna Brauner, Aurelie Ambrosi, Rowan Higgs, Francisco J. Quintana, Maria Sjöstrand, Maija-Leena Eloranta, Joan Ni Gabhann, Ola Winqvist, Birgitta Sundelin, Caroline A. Jefferies, Björn Rozell, Vijay K. Kuchroo, and Marie Wahren-Herlenius
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- 1673 Omega-1, a glycoprotein secreted by *Schistosoma mansoni* eggs, drives Th2 responses
Bart Everts, Georgia Perona-Wright, Hermelijn H. Smits, Cornelis H. Hokke, Alwin J. van der Ham, Colin M. Fitzsimmons, Michael J. Doenhoff, Jürgen van der Bosch, Katja Mohrs, Helmut Haas, Markus Mohrs, Maria Yazdanbakhsh, and Gabriele Schramm
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- 1681 The major component in schistosome eggs responsible for conditioning dendritic cells for Th2 polarization is a T2 ribonuclease (omega-1)
Svenja Steinfelder, John F. Andersen, Jennifer L. Cannons, Carl G. Feng, Manju Joshi, Dennis Dwyer, Pat Caspar, Pamela L. Schwartzberg, Alan Sher, and Dragana Jankovic
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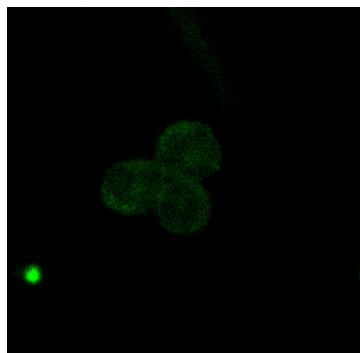
ON THE COVER

Artwork by New York artist Rachel Urkowitz (rachelurk@earthlink.net). Beta-proteins on group B *Streptococcus* (blue) pacify leukocytes by binding to Siglec inhibitory receptors (red). Related article by Carlin et al.
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- 1691 Group B *Streptococcus* suppression of phagocyte functions by protein-mediated engagement of human Siglec-5

Aaron F. Carlin, Yung-Chi Chang, Thomas Areschoug, Gunnar Lindahl, Nancy Hurtado-Ziola, Charles C. King, Ajit Varki, and Victor Nizet

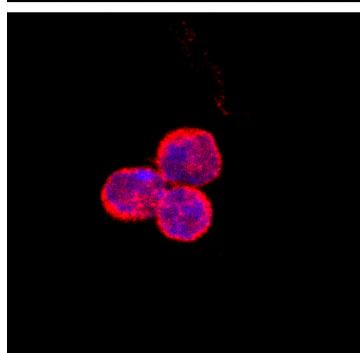
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- 1701 An activating mutation in the *CSF3R* gene induces a hereditary chronic neutrophilia

Isabelle Plo, Yanyan Zhang, Jean-Pierre Le Couédic, Mayuka Nakatake, Jean-Michel Boulet, Miki Itaya, Steven O. Smith, Najet Debili, Stefan N. Constantinescu, William Vainchenker, Fawzia Louache, and Stéphane de Botton

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- 1709 Increased NOD2-mediated recognition of *N*-glycolyl muramyl dipeptide

François Coulombe, Maziar Divangahi, Frédéric Veyrier, Louis de Léséleuc, James L. Gleason, Yibin Yang, Michelle A. Kelliher, Amit K. Pandey, Christopher M. Sassetti, Michael B. Reed, and Marcel A. Behr

- 1717 Blockade of CTLA-4 on both effector and regulatory T cell compartments contributes to the antitumor activity of anti-CTLA-4 antibodies

Karl S. Peggs, Sergio A. Quezada, Cynthia A. Chambers, Alan J. Korman, and James P. Allison

Activation of NF-κB (green) and the ribosomal protein RPS3 (red) mark B cells undergoing receptor editing.
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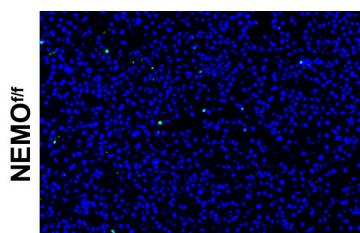
- 1727 Hepatocyte-specific NEMO deletion promotes NK/NKT cell- and TRAIL-dependent liver damage

Naiara Beraza, Yann Malato, Leif E. Sander, Malika Al-Masaoudi, Julia Freimuth, Dieter Riethmacher, Gregory J. Gores, Tania Roskams, Christian Liedtke, and Christian Trautwein

ARTICLES

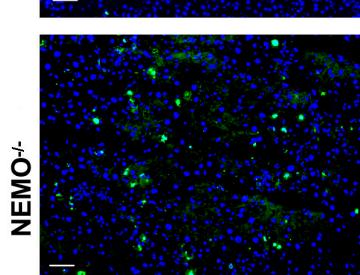
- 1739 Pre-B cell receptor-mediated cell cycle arrest in Philadelphia chromosome-positive acute lymphoblastic leukemia requires IKAROS function

Daniel Trageser, Ilaria Iacobucci, Rahul Nahar, Cihangir Duy, Gregor von Levetzow, Lars Klemm, Eugene Park, Wolfgang Schuh, Tanja Gruber, Sebastian Herzog, Yong-mi Kim, Wolf-Karsten Hofmann, Aihong Li, Clelia Tiziana Storlazzi, Hans-Martin Jäck, John Groffen, Giovanni Martinelli, Nora Heisterkamp, Hassan Jumaa, and Markus Müschen



- 1755 Negative feedback control of the autoimmune response through antigen-induced differentiation of IL-10-secreting Th1 cells

Leona Gabryšová, Kirsty S. Nicolson, Heather B. Streeter, Johan Verhagen, Catherine A. Sabatos-Peyton, David J. Morgan, and David C. Wraith



- 1769 Activin-A induces regulatory T cells that suppress T helper cell immune responses and protect from allergic airway disease

Maria Semitekolou, Themis Alissafi, Maria Aggelakopoulou, Evangelia Kourepini, Harsha H. Kariyawasam, Antony B. Kay, Douglas S. Robinson, Clare M. Lloyd, Vily Panoutsakopoulou, and Georgina Xanthou

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Expression of the NF-κB regulatory subunit NEMO protects liver cells against NK-mediated tissue damage (green).
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- 1787 Myocyte necrosis underlies progressive myocardial dystrophy in mouse *dsg2*-related arrhythmogenic right ventricular cardiomyopathy

Kalliopi Pilichou, Carol Ann Remme, Cristina Basso, Maria E. Campian, Stefania Rizzo, Phil Barnett, Brendon P. Scicluna, Barbara Bauce, Maurice J.B. van den Hoff, Jacques M.T. de Bakker, Hanno L. Tan, Marialuisa Valente, Andrea Nava, Arthur A.M. Wilde, Antoon F.M. Moorman, Gaetano Thiene, and Connie R. Bezzina

- 1803 NF- κ B activity marks cells engaged in receptor editing

Emily J. Cadera, Fengyi Wan, Rupesh H. Amin, Hector Nolla, Michael J. Lenardo, and Mark S. Schlissel

- 1817 S region sequence, RNA polymerase II, and histone modifications create chromatin accessibility during class switch recombination

Lili Wang, Robert Wuerffel, Scott Feldman, Ahmed Amine Khamlich, and Amy L. Kenter

CORRECTIONS

- 1831 CD1c bypasses lysosomes to present a lipopeptide antigen with 12 amino acids

Ildiko Van Rhijn, David C. Young, Annemieke De Jong, Jenny Vazquez, Tan-Yun Cheng, Rahul Talekar, Duarte C. Barral, Luis León, Michael B. Brenner, Joel T. Katz, Richard Riese, Ruth M. Ruprecht, Peter B. O'Connor, Catherine E. Costello, Steven A. Porcelli, Volker Briken, and D. Branch Moody



Myocyte necrosis initiates progressive tissue damage (arrows) in a mouse model of an inherited heart disease.

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