

Fundamental Topics in Immunology B. BIOL4185

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Arbore, G. et al. 'T Helper 1 Immunity Requires Complement-Driven NLRP3 Inflammasome Activity in CD4+ T Cells'. *Science* 352.6292 (2016): aad1210-aad1210. Web.

Banchereau, Jacques, Virginia Pascual, and Anne O'Garra. 'From IL-2 to IL-37: The Expanding Spectrum of Anti-Inflammatory Cytokines'. *Nature Immunology* 13.10 (2012): 925–931. Web.

Basu, Rajatava, Robin D. Hatton, and Casey T. Weaver. 'The Th17 Family: Flexibility Follows Function'. *Immunological Reviews* 252.1 (2013): 89–103. Web.

Baumgarth, Nicole. 'Innate-Like B Cells and Their Rules of Engagement'. Crossroads Between Innate and Adaptive Immunity IV. Ed. Peter D. Katsikis, Stephen P. Schoenberger, and Bali Pulendran. Vol. 785. New York, NY: Springer New York, 2013. 57–66. Web. <http://link.springer.com/10.1007/978-1-4614-6217-0_7>.

Bilate, Angelina M., and Juan J. Lafaille. 'Induced CD4^{Foxp3} Regulatory T Cells in Immune Tolerance'. *Annual Review of Immunology* 30.1 (2012): 733–758. Web.

Braun, Asolina et al. 'Afferent Lymph-Derived T Cells and DCs Use Different Chemokine Receptor CCR7-Dependent Routes for Entry into the Lymph Node and Intranodal Migration'. *Nature Immunology* 12.9 (2011): 879–887. Web.

Bravo-Blas, Alberto, Hannah Wessel, and Simon Milling. 'Microbiota and Arthritis'. *Current Opinion in Rheumatology* (2016): n. pag. Web.

Cerutti, A., I. Puga, and G. Magri. 'The B Cell Helper Side of Neutrophils'. *Journal of Leukocyte Biology* 94.4 (2013): 677–682. Web.

Cerutti, Andrea, Montserrat Cols, and Irene Puga. 'Marginal Zone B Cells: Virtues of Innate-like Antibody-Producing Lymphocytes'. *Nature Reviews Immunology* 13.2 (2013): 118–132. Web.

Chu, H. et al. 'Gene-Microbiota Interactions Contribute to the Pathogenesis of Inflammatory Bowel Disease'. *Science* 352.6289 (2016): 1116–1120. Web.

Costello, E. K. et al. 'Bacterial Community Variation in Human Body Habitats Across Space and Time'. *Science* 326.5960 (2009): 1694–1697. Web.

Curotto de Lafaille, Maria A., and Juan J. Lafaille. 'Natural and Adaptive Foxp3+ Regulatory T Cells: More of the Same or a Division of Labor?' *Immunity* 30.5 (2009): 626–635. Web.

Cyster, Jason G. 'B Cell Follicles and Antigen Encounters of the Third Kind'. *Nature Immunology* 11.11 (2010): 989–996. Web.

Duan, Susu, and Paul G. Thomas. 'Balancing Immune Protection and Immune Pathology by CD8+ T-Cell Responses to Influenza Infection'. *Frontiers in Immunology* 7 (2016): n. pag. Web.

Durbin, Russell K., Sergei V. Kotenko, and Joan E. Durbin. 'Interferon Induction and Function at the Mucosal Surface'. *Immunological Reviews* 255.1 (2013): 25–39. Web.

Förster, Reinhold, Ana Clara Dávalos-Misslitz, and Antal Rot. 'CCR7 and Its Ligands: Balancing Immunity and Tolerance'. *Nature Reviews Immunology* 8.5 (2008): 362–371. Web.

Garraud, Olivier et al. 'Revisiting the B-Cell Compartment in Mouse and Humans: More than One B-Cell Subset Exists in the Marginal Zone and Beyond'. *BMC Immunology* 13.1 (2012): n. pag. Web.

Giltay, Natalia V, Craig P Chappell, and Edward A Clark. 'B-Cell Selection and the Development of Autoantibodies'. *Arthritis Research & Therapy* 14.Suppl 4 (2012): n. pag. Web.

Jameson, Stephen C., and David Masopust. 'Diversity in T Cell Memory: An Embarrassment of Riches'. *Immunity* 31.6 (2009): 859–871. Web.

Josefowicz, Steven Z., Li-Fan Lu, and Alexander Y. Rudensky. 'Regulatory T Cells: Mechanisms of Differentiation and Function'. *Annual Review of Immunology* 30.1 (2012): 531–564. Web.

Li, Ming O., and Alexander Y. Rudensky. 'T Cell Receptor Signalling in the Control of Regulatory T Cell Differentiation and Function'. *Nature Reviews Immunology* 16.4 (2016): 220–233. Web.

Liston, Adrian, and Daniel H. D. Gray. 'Homeostatic Control of Regulatory T Cell Diversity'. *Nature Reviews Immunology* 14.3 (2014): 154–165. Web.

Mowat, Allan McL. 'Anatomical Basis of Tolerance and Immunity to Intestinal Antigens'. *Nature Reviews Immunology* 3.4 (2003): 331–341. Web.

Mueller, Scott N. et al. 'Memory T Cell Subsets, Migration Patterns, and Tissue Residence'. *Annual Review of Immunology* 31.1 (2013): 137–161. Web.

Mueller, Scott N., and Laura K. Mackay. 'Tissue-Resident Memory T Cells: Local Specialists in Immune Defence'. *Nature Reviews Immunology* 16.2 (2015): 79–89. Web.

Murphy, Kenneth M, and Brigitta Stockinger. 'Effector T Cell Plasticity: Flexibility in the Face of Changing Circumstances'. *Nature Immunology* 11.8 (2010): 674–680. Web.

Nibbs, Robert J. B., and Gerard J. Graham. 'Immune Regulation by Atypical Chemokine Receptors'. *Nature Reviews Immunology* 13.11 (2013): 815–829. Web.

Nierkens, Stefan et al. 'Antigen Cross-Presentation by Dendritic Cell Subsets: One General

or All Sergeants?' *Trends in Immunology* 34.8 (2013): 361–370. Web.

'ORIGINS OF CD4 EFFECTOR AND CENTRAL MEMORY T CELLS'. *Nature immunology* 12.6 n. pag. Web. <<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4212218/>>.

O'Shea, John J., Steven M. Holland, and Louis M. Staudt. 'JAKs and STATs in Immunity, Immunodeficiency, and Cancer'. *New England Journal of Medicine* 368.2 (2013): 161–170. Web.

Pillai, Shiv, and Annaiah Cariappa. 'The Follicular versus Marginal Zone B Lymphocyte Cell Fate Decision'. *Nature Reviews Immunology* 9.11 (2009): 767–777. Web.

Poon, Ivan K. H. et al. 'Apoptotic Cell Clearance: Basic Biology and Therapeutic Potential'. *Nature Reviews Immunology* 14.3 (2014): 166–180. Web.

Reiner, S. L., F. Sallusto, and A. Lanzavecchia. 'Division of Labor with a Workforce of One: Challenges in Specifying Effector and Memory T Cell Fate'. *Science* 317.5838 (2007): 622–625. Web.

Rosser, Elizabeth C., Paul A. Blair, and Claudia Mauri. 'Cellular Targets of Regulatory B Cell-Mediated Suppression'. *Molecular Immunology* 62.2 (2014): 296–304. Web.

Sakaguchi, Shimon, Makoto Miyara, et al. 'FOXP3+ Regulatory T Cells in the Human Immune System'. *Nature Reviews Immunology* 10.7 (2010): 490–500. Web.

Sakaguchi, Shimon, Dario A. A. Vignali, et al. 'The Plasticity and Stability of Regulatory T Cells'. *Nature Reviews Immunology* 13.6 (2013): 461–467. Web.

Schmidt, Susanne V., Andrea C. Nino-Castro, and Joachim L. Schultze. 'Regulatory Dendritic Cells: There Is More than Just Immune Activation'. *Frontiers in Immunology* 3 (2012): n. pag. Web.

Schumann, Kathrin et al. 'Immobilized Chemokine Fields and Soluble Chemokine Gradients Cooperatively Shape Migration Patterns of Dendritic Cells'. *Immunity* 32.5 (2010): 703–713. Web.

Shaikh, S. R. et al. 'The Effects of Diet-Induced Obesity on B Cell Function'. *Clinical & Experimental Immunology* 179.1 (2015): 90–99. Web.

Shevach, Ethan M. 'Mechanisms of Foxp3+ T Regulatory Cell-Mediated Suppression'. *Immunity* 30.5 (2009): 636–645. Web.

Shih, Han-Yu et al. 'Transcriptional and Epigenetic Networks of Helper T and Innate Lymphoid Cells'. *Immunological Reviews* 261.1 (2014): 23–49. Web.

SpringerLink (Online service). Transcriptional Control of Lineage Differentiation in Immune Cells. Ed. Wilfried Ellmeier and Ichiro Taniuchi. volume 381. Cham: Springer, 2014. Web. <<http://ezproxy.lib.gla.ac.uk/login?url=http://dx.doi.org/10.1007/978-3-319-07395-8>>.

Tanoue, Takeshi, Koji Atarashi, and Kenya Honda. 'Development and Maintenance of Intestinal Regulatory T Cells'. *Nature Reviews Immunology* 16.5 (2016): 295–309. Web.

Ulvmar, Maria H et al. 'The Atypical Chemokine Receptor CCRL1 Shapes Functional CCL21 Gradients in Lymph Nodes'. *Nature Immunology* 15.7 (2014): 623–630. Web.

Vazquez, Monica I., Jovani Catalan-Dibene, and Albert Zlotnik. 'B Cells Responses and Cytokine Production Are Regulated by Their Immune Microenvironment'. *Cytokine* 74.2 (2015): 318–326. Web.

Vinuesa, Carola G. et al. 'T Cells and Follicular Dendritic Cells in Germinal Center B-Cell Formation and Selection'. *Immunological Reviews* 237.1 (2010): 72–89. Web.

Vinuesa, Carola G., Iñaki Sanz, and Matthew C. Cook. 'Dysregulation of Germinal Centres in Autoimmune Disease'. *Nature Reviews Immunology* 9.12 (2009): 845–857. Web.

Weber, M. et al. 'Interstitial Dendritic Cell Guidance by Haptotactic Chemokine Gradients'. *Science* 339.6117 (2013): 328–332. Web.

Weiner, Howard L. et al. 'Oral Tolerance'. *Immunological Reviews* 241.1 (2011): 241–259. Web.

Wherry, E John. 'T Cell Exhaustion'. *Nature Immunology* 13.6 (2011): 492–499. Web.

Williams, Matthew A., and Michael J. Bevan. 'Effector and Memory CTL Differentiation'. *Annual Review of Immunology* 25.1 (2007): 171–192. Web.

Xing, Y., and K. A. Hogquist. 'T-Cell Tolerance: Central and Peripheral'. *Cold Spring Harbor Perspectives in Biology* 4.6 (2012): a006957–a006957. Web.

Yamane, Hidehiro, and William E Paul. 'Cytokines of the Γc Family Control CD4+ T Cell Differentiation and Function'. *Nature Immunology* 13.11 (2012): 1037–1044. Web.

---. 'Cytokines of the Γc Family Control CD4+ T Cell Differentiation and Function'. *Nature Immunology* 13.11 (2012): 1037–1044. Web.

Yamane, Hidehiro, and William E. Paul. 'Early Signaling Events That Underlie Fate Decisions of Naive CD4 T Cells toward Distinct T-Helper Cell Subsets'. *Immunological Reviews* 252.1 (2013): 12–23. Web.

---. 'Memory CD4+ T Cells: Fate Determination, Positive Feedback and Plasticity'. *Cellular and Molecular Life Sciences* 69.10 (2012): 1577–1583. Web.

Yu, Di, and Carola G. Vinuesa. 'The Elusive Identity of T Follicular Helper Cells'. *Trends in Immunology* 31.10 (2010): 377–383. Web.

Zhou, Liang, Mark M.W. Chong, and Dan R. Littman. 'Plasticity of CD4+ T Cell Lineage Differentiation'. *Immunity* 30.5 (2009): 646–655. Web.

Zhu, Jinfang, Hidehiro Yamane, and William E. Paul. 'Differentiation of Effector CD4 T Cell Populations'. *Annual Review of Immunology* 28.1 (2010): 445–489. Web.