

Reina E Mebius

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|--------------------|--------------------------|-----------------|-----------------|
| 110 papers | 12,373 citations | 49 h-index | 111 g-index |
| 166 ext. papers | 14,353 ext. citations | 11.6 avg, IF | 6.46 L-index |

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 110 | Innate lymphoid cells--a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , 2013 , 13, 145-160 | 36.5 | 1655 |
| 109 | Structure and function of the spleen. <i>Nature Reviews Immunology</i> , 2005 , 5, 606-16 | 36.5 | 1338 |
| 108 | Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018 , 174, 1054-1066 | 56.2 | 846 |
| 107 | Requirement for RORgamma in thymocyte survival and lymphoid organ development. <i>Science</i> , 2000 , 288, 2369-73 | 33.3 | 610 |
| 106 | Organogenesis of lymphoid tissues. <i>Nature Reviews Immunology</i> , 2003 , 3, 292-303 | 36.5 | 589 |
| 105 | Developing lymph nodes collect CD4+CD3- LTbeta+ cells that can differentiate to APC, NK cells, and follicular cells but not T or B cells. <i>Immunity</i> , 1997 , 7, 493-504 | 32.3 | 565 |
| 104 | New insights into the development of lymphoid tissues. <i>Nature Reviews Immunology</i> , 2010 , 10, 664-74 | 36.5 | 419 |
| 103 | Conduits mediate transport of low-molecular-weight antigen to lymph node follicles. <i>Immunity</i> , 2009 , 30, 264-76 | 32.3 | 326 |
| 102 | Dietary Fiber and Bacterial SCFA Enhance Oral Tolerance and Protect against Food Allergy through Diverse Cellular Pathways. <i>Cell Reports</i> , 2016 , 15, 2809-24 | 10.6 | 323 |
| 101 | Lymphotoxin beta receptor signaling promotes tertiary lymphoid organogenesis in the aorta adventitia of aged ApoE-/- mice. <i>Journal of Experimental Medicine</i> , 2009 , 206, 233-48 | 16.6 | 269 |
| 100 | Maternal retinoids control type 3 innate lymphoid cells and set the offspring immunity. <i>Nature</i> , 2014 , 508, 123-7 | 50.4 | 264 |
| 99 | Regulation of peripheral lymph node genesis by the tumor necrosis factor family member TRANCE. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1467-78 | 16.6 | 230 |
| 98 | Chemokine CXCL13 is essential for lymph node initiation and is induced by retinoic acid and neuronal stimulation. <i>Nature Immunology</i> , 2009 , 10, 1193-9 | 19.1 | 224 |
| 97 | The fetal liver counterpart of adult common lymphoid progenitors gives rise to all lymphoid lineages, CD45+CD4+CD3- cells, as well as macrophages. <i>Journal of Immunology</i> , 2001 , 166, 6593-601 | 5.3 | 214 |
| 96 | A conduit system distributes chemokines and small blood-borne molecules through the splenic white pulp. <i>Journal of Experimental Medicine</i> , 2003 , 198, 505-12 | 16.6 | 166 |
| 95 | Stromal cell-immune cell interactions. <i>Annual Review of Immunology</i> , 2011 , 29, 23-43 | 34.7 | 159 |
| 94 | Expression of the murine CD27 ligand CD70 in vitro and in vivo. <i>Journal of Immunology</i> , 2003 , 170, 33-40 | 5.3 | 153 |

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| 93 | Identification of natural ROR α ligands that regulate the development of lymphoid cells. <i>Cell Metabolism</i> , 2015 , 21, 286-298 | 24.6 | 144 |
| 92 | Retinoic acid induces blood-brain barrier development. <i>Journal of Neuroscience</i> , 2013 , 33, 1660-71 | 6.6 | 139 |
| 91 | Inflammation and ectopic lymphoid structures in rheumatoid arthritis synovial tissues dissected by genomics technology: identification of the interleukin-7 signaling pathway in tissues with lymphoid neogenesis. <i>Arthritis and Rheumatism</i> , 2007 , 56, 2492-502 | | 138 |
| 90 | Expression of retinaldehyde dehydrogenase enzymes in mucosal dendritic cells and gut-draining lymph node stromal cells is controlled by dietary vitamin A. <i>Journal of Immunology</i> , 2011 , 186, 1934-42 | 5.3 | 136 |
| 89 | Retinoic Acid and Immune Homeostasis: A Balancing Act. <i>Trends in Immunology</i> , 2017 , 38, 168-180 | 14.4 | 124 |
| 88 | The conduit system of the lymph node. <i>International Immunology</i> , 2008 , 20, 1483-7 | 4.9 | 120 |
| 87 | LT β R signaling induces cytokine expression and up-regulates lymphangiogenic factors in lymph node anlagen. <i>Journal of Immunology</i> , 2009 , 182, 5439-45 | 5.3 | 114 |
| 86 | Diet-Derived Short Chain Fatty Acids Stimulate Intestinal Epithelial Cells To Induce Mucosal Tolerogenic Dendritic Cells. <i>Journal of Immunology</i> , 2017 , 198, 2172-2181 | 5.3 | 112 |
| 85 | Lymph node stromal cells support dendritic cell-induced gut-homing of T cells. <i>Journal of Immunology</i> , 2009 , 183, 6395-402 | 5.3 | 112 |
| 84 | Induction of secondary and tertiary lymphoid structures in the skin. <i>Immunity</i> , 2004 , 21, 655-67 | 32.3 | 112 |
| 83 | New insights into the cell biology of the marginal zone of the spleen. <i>International Review of Cytology</i> , 2006 , 250, 175-215 | | 109 |
| 82 | Cellular interactions in lymph node development. <i>Journal of Immunology</i> , 2005 , 174, 21-5 | 5.3 | 105 |
| 81 | Presumptive lymph node organizers are differentially represented in developing mesenteric and peripheral nodes. <i>Journal of Immunology</i> , 2004 , 173, 2968-75 | 5.3 | 99 |
| 80 | Synovial lymphoid neogenesis does not define a specific clinical rheumatoid arthritis phenotype. <i>Arthritis and Rheumatism</i> , 2008 , 58, 1582-9 | | 91 |
| 79 | Dendritic cells of the mouse recognized by two monoclonal antibodies. <i>European Journal of Immunology</i> , 1987 , 17, 1555-9 | 6.1 | 89 |
| 78 | The strict regulation of lymphocyte migration to splenic white pulp does not involve common homing receptors. <i>Immunology</i> , 2002 , 106, 299-307 | 7.8 | 88 |
| 77 | B cells are crucial for both development and maintenance of the splenic marginal zone. <i>Journal of Immunology</i> , 2004 , 172, 3620-7 | 5.3 | 87 |
| 76 | Cutting edge: instructive role of peripheral tissue cells in the imprinting of T cell homing receptor patterns. <i>Journal of Immunology</i> , 2008 , 181, 3745-9 | 5.3 | 83 |

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| 75 | Mouse aorta smooth muscle cells differentiate into lymphoid tissue organizer-like cells on combined tumor necrosis factor receptor-1/lymphotoxin beta-receptor NF-kappaB signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 395-402 | 9.4 | 82 |
| 74 | Astrocyte-derived retinoic acid: a novel regulator of blood-brain barrier function in multiple sclerosis. <i>Acta Neuropathologica</i> , 2014 , 128, 691-703 | 14.3 | 80 |
| 73 | The role of CD45+CD4+CD3- cells in lymphoid organ development. <i>Immunological Reviews</i> , 2002 , 189, 41-50 | 11.3 | 70 |
| 72 | High Endothelial Venules: Lymphocyte Traffic Control and Controlled Traffic**This article was accepted for publication on 27 September 1996.. <i>Advances in Immunology</i> , 1997 , 65, 347-395 | 5.6 | 69 |
| 71 | Neuropilin-1 Is Expressed on Lymphoid Tissue Residing LTi-like Group 3 Innate Lymphoid Cells and Associated with Ectopic Lymphoid Aggregates. <i>Cell Reports</i> , 2017 , 18, 1761-1773 | 10.6 | 65 |
| 70 | Initiation of cellular organization in lymph nodes is regulated by non-B cell-derived signals and is not dependent on CXC chemokine ligand 13. <i>Journal of Immunology</i> , 2004 , 173, 4889-96 | 5.3 | 64 |
| 69 | Fc gamma RIIb regulates nasal and oral tolerance: a role for dendritic cells. <i>Journal of Immunology</i> , 2005 , 174, 5279-87 | 5.3 | 64 |
| 68 | From stem cells to lymphocytes: biology and transplantation. <i>Immunological Reviews</i> , 1997 , 157, 13-40 | 11.3 | 60 |
| 67 | Lymph node stromal cells constrain immunity via MHC class II self-antigen presentation. <i>ELife</i> , 2014 , 3, | 8.9 | 59 |
| 66 | Interdependence of stromal and immune cells for lymph node function. <i>Trends in Immunology</i> , 2012 , 33, 264-70 | 14.4 | 56 |
| 65 | Isolation of the intact white pulp. Quantitative and qualitative analysis of the cellular composition of the splenic compartments. <i>European Journal of Immunology</i> , 2000 , 30, 626-34 | 6.1 | 53 |
| 64 | Lymphocyte triggering via L-selectin leads to enhanced galectin-3-mediated binding to dendritic cells. <i>European Journal of Immunology</i> , 1998 , 28, 2864-71 | 6.1 | 52 |
| 63 | Innate lymphoid cells in secondary lymphoid organs. <i>Immunological Reviews</i> , 2016 , 271, 185-99 | 11.3 | 52 |
| 62 | Vitamin A Controls the Presence of ROR γ Innate Lymphoid Cells and Lymphoid Tissue in the Small Intestine. <i>Journal of Immunology</i> , 2016 , 196, 5148-55 | 5.3 | 50 |
| 61 | Stromal cells of the mouse spleen. <i>Frontiers in Immunology</i> , 2012 , 3, 201 | 8.4 | 49 |
| 60 | Selective modulation of the expression of L-selectin ligands by an immune response. <i>Current Biology</i> , 1995 , 5, 670-8 | 6.3 | 47 |
| 59 | Lymph sacs are not required for the initiation of lymph node formation. <i>Development (Cambridge)</i> , 2009 , 136, 29-34 | 6.6 | 45 |
| 58 | Development and function of the splenic marginal zone. <i>Critical Reviews in Immunology</i> , 2004 , 24, 449-64 | 11.8 | 44 |

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| 57 | The importance of regional lymph nodes for mucosal tolerance. <i>Immunological Reviews</i> , 2006 , 213, 119-30 | 11.3 | 43 |
| 56 | Role of chemokines in the development of secondary and tertiary lymphoid tissues. <i>Seminars in Immunology</i> , 2003 , 15, 243-8 | 10.7 | 40 |
| 55 | Galectin-2 expression is dependent on the rs7291467 polymorphism and acts as an inhibitor of arteriogenesis. <i>European Heart Journal</i> , 2012 , 33, 1076-84 | 9.5 | 39 |
| 54 | Developmental regulation of vascular addressin expression: a possible role for site-associated environments. <i>International Immunology</i> , 1993 , 5, 443-9 | 4.9 | 38 |
| 53 | Secretory leukoprotease inhibitor in mucosal lymph node dendritic cells regulates the threshold for mucosal tolerance. <i>Journal of Immunology</i> , 2007 , 179, 6588-95 | 5.3 | 37 |
| 52 | Blockade of IDO inhibits nasal tolerance induction. <i>Journal of Immunology</i> , 2007 , 179, 894-900 | 5.3 | 36 |
| 51 | Cutting edge: the chemokine receptor CXCR3 retains invariant NK T cells in the thymus. <i>Journal of Immunology</i> , 2009 , 183, 2213-6 | 5.3 | 35 |
| 50 | Separation of splenic red and white pulp occurs before birth in a LTalphabeta-independent manner. <i>Journal of Leukocyte Biology</i> , 2008 , 84, 152-61 | 6.5 | 34 |
| 49 | Lymphoid organs for peritoneal cavity immune response: milky spots. <i>Immunity</i> , 2009 , 30, 670-2 | 32.3 | 32 |
| 48 | Talin1 is required for integrin-dependent B lymphocyte homing to lymph nodes and the bone marrow but not for follicular B-cell maturation in the spleen. <i>Blood</i> , 2010 , 116, 5907-18 | 2.2 | 32 |
| 47 | The identification and developmental requirements of colonic CD169+ macrophages. <i>Immunology</i> , 2014 , 142, 269-78 | 7.8 | 31 |
| 46 | CD62L Is a Functional and Phenotypic Marker for Circulating Innate Lymphoid Cell Precursors. <i>Journal of Immunology</i> , 2019 , 202, 171-182 | 5.3 | 29 |
| 45 | Regulation of fucosyltransferase-VII expression in peripheral lymph node high endothelial venules. <i>European Journal of Immunology</i> , 1998 , 28, 3040-7 | 6.1 | 28 |
| 44 | A molecular map of murine lymph node blood vascular endothelium at single cell resolution. <i>Nature Communications</i> , 2020 , 11, 3798 | 17.4 | 28 |
| 43 | Lymphoid organogenesis in brief. <i>European Journal of Immunology</i> , 2007 , 37 Suppl 1, S46-52 | 6.1 | 27 |
| 42 | Lymph Node Stromal Cells Generate Antigen-Specific Regulatory T Cells and Control Autoreactive T and B Cell Responses. <i>Cell Reports</i> , 2020 , 30, 4110-4123.e4 | 10.6 | 26 |
| 41 | Increased osteoclast formation and activity by peripheral blood mononuclear cells in chronic liver disease patients with osteopenia. <i>Hepatology</i> , 2008 , 47, 259-67 | 11.2 | 26 |
| 40 | Vagal innervation is required for the formation of tertiary lymphoid tissue in colitis. <i>European Journal of Immunology</i> , 2016 , 46, 2467-2480 | 6.1 | 26 |

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| 39 | A crucial role for retinoic acid in the development of Notch-dependent murine splenic CD8- CD4- and CD4+ dendritic cells. <i>European Journal of Immunology</i> , 2013 , 43, 1608-16 | 6.1 | 24 |
| 38 | The functional activity of high endothelial venules: a role for the subcapsular sinus macrophages in the lymph node. <i>Immunobiology</i> , 1991 , 182, 277-91 | 3.4 | 24 |
| 37 | Tertiary Lymphoid Structures: Diversity in Their Development, Composition, and Role. <i>Journal of Immunology</i> , 2021 , 206, 273-281 | 5.3 | 24 |
| 36 | Cross-Tissue Transcriptomic Analysis of Human Secondary Lymphoid Organ-Residing ILC3s Reveals a Quiescent State in the Absence of Inflammation. <i>Cell Reports</i> , 2017 , 21, 823-833 | 10.6 | 23 |
| 35 | Effects of fluorescent and nonfluorescent tracing methods on lymphocyte migration in vivo. <i>Cytometry</i> , 2004 , 61, 35-44 | | 23 |
| 34 | MAdCAM-1 dependent colonization of developing lymph nodes involves a unique subset of CD4+CD3- hematolymphoid cells. <i>Cell Adhesion and Communication</i> , 1998 , 6, 97-103 | | 23 |
| 33 | Impaired lymphoid organ development in mice lacking the heparan sulfate modifying enzyme glucuronyl C5-epimerase. <i>Journal of Immunology</i> , 2010 , 184, 3656-64 | 5.3 | 22 |
| 32 | Mesenchymal stem cells are mobilized from the bone marrow during inflammation. <i>Frontiers in Immunology</i> , 2013 , 4, 49 | 8.4 | 19 |
| 31 | Nestin-Expressing Precursors Give Rise to Both Endothelial as well as Nonendothelial Lymph Node Stromal Cells. <i>Journal of Immunology</i> , 2016 , 197, 2686-94 | 5.3 | 18 |
| 30 | Vitamin A metabolism and mucosal immune function are distinct between BALB/c and C57BL/6 mice. <i>European Journal of Immunology</i> , 2015 , 45, 89-100 | 6.1 | 16 |
| 29 | Impaired lymph node stromal cell function during the earliest phases of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2018 , 20, 35 | 5.7 | 14 |
| 28 | Development of secondary lymphoid organs in relation to lymphatic vasculature. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2014 , 214, 81-91 | 1.2 | 14 |
| 27 | Intestinal Macrophages Balance Inflammatory Expression Profiles via Vitamin A and Dectin-1-Mediated Signaling. <i>Frontiers in Immunology</i> , 2020 , 11, 551 | 8.4 | 10 |
| 26 | Macrophages and the activity of high endothelial venules. The effect of interferon-gamma. <i>European Journal of Immunology</i> , 1990 , 20, 1615-8 | 6.1 | 10 |
| 25 | A Reproducible Method for Isolation and In Vitro Culture of Functional Human Lymphoid Stromal Cells from Tonsils. <i>PLoS ONE</i> , 2016 , 11, e0167555 | 3.7 | 10 |
| 24 | Development of a Retinal-Based Probe for the Profiling of Retinaldehyde Dehydrogenases in Cancer Cells. <i>ACS Central Science</i> , 2019 , 5, 1965-1974 | 16.8 | 10 |
| 23 | Phenotypical Characterization of Spleen Remodeling in Murine Experimental Visceral Leishmaniasis. <i>Frontiers in Immunology</i> , 2020 , 11, 653 | 8.4 | 9 |
| 22 | Involvement of neurons and retinoic acid in lymphatic development: new insights in increased nuchal translucency. <i>Prenatal Diagnosis</i> , 2014 , 34, 1312-9 | 3.2 | 9 |

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| 21 | Is early repopulation of macrophage-depleted lymph node independent of blood monocyte immigration?. <i>European Journal of Immunology</i> , 1991 , 21, 3041-4 | 6.1 | 8 |
| 20 | The Role of Endothelial Cells and TNF-Receptor Superfamily Members in Lymphoid Organogenesis and Function During Health and Inflammation. <i>Frontiers in Immunology</i> , 2019 , 10, 2700 | 8.4 | 7 |
| 19 | Dendritic Cell Migration to Skin-Draining Lymph Nodes Is Controlled by Dermatan Sulfate and Determines Adaptive Immunity Magnitude. <i>Frontiers in Immunology</i> , 2018 , 9, 206 | 8.4 | 5 |
| 18 | L-selectin-mediated lymphocyte aggregation: role of carbohydrates, activation and effects on cellular interactions. <i>Cell Adhesion and Communication</i> , 1998 , 6, 311-22 | | 5 |
| 17 | The Microenvironment in Barrett's Esophagus Tissue Is Characterized by High and Levels. <i>Frontiers in Immunology</i> , 2018 , 9, 1375 | 8.4 | 4 |
| 16 | Tumor microbiome: Pancreatic cancer and duodenal fluids contain multitudes, But do they contradict themselves?. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 144, 102824 | 7 | 3 |
| 15 | Stromal cells and immune cells involved in formation of lymph nodes and their niches. <i>Current Opinion in Immunology</i> , 2020 , 64, 20-25 | 7.8 | 3 |
| 14 | Enhanced IgA coating of bacteria in women with Lactobacillus crispatus-dominated vaginal microbiota.. <i>Microbiome</i> , 2022 , 10, 15 | 16.6 | 2 |
| 13 | Development of follicular dendritic cells in lymph nodes depends on retinoic acid mediated signaling | | 2 |
| 12 | Human Lymph Node Stromal Cells Have the Machinery to Regulate Peripheral Tolerance during Health and Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 2 |
| 11 | Response to Comment on "Diet-Derived Short Chain Fatty Acids Stimulate Intestinal Epithelial Cells To Induce Mucosal Tolerogenic Dendritic Cells". <i>Journal of Immunology</i> , 2017 , 198, 4188 | 5.3 | 1 |
| 10 | Fungi Take Control of Lymphocyte Recirculation. <i>Immunity</i> , 2016 , 44, 211-3 | 32.3 | 1 |
| 9 | De Novo Carcinoma after Solid Organ Transplantation to Give Insight into Carcinogenesis in General-A Systematic Review and Meta-Analysis. <i>Cancers</i> , 2021 , 13, | 6.6 | 1 |
| 8 | Complexity of Lymphoid Tissue Organizers: A Response to Onder and Ludewig. <i>Trends in Immunology</i> , 2018 , 39, 951-952 | 14.4 | 1 |
| 7 | Lymph node stromal cells: subsets and functions in health and disease. <i>Trends in Immunology</i> , 2021 , 42, 920-936 | 14.4 | 1 |
| 6 | Vascular addressin expression in Peyer's patches: an in vivo study of site-associated regulation. <i>Advances in Experimental Medicine and Biology</i> , 1994 , 355, 125-30 | 3.6 | 1 |
| 5 | A Straightforward Method for 3D Visualization of B Cell Clusters and High Endothelial Venules in Lymph Nodes Highlights Differential Roles of TNFR1 and -II. <i>Frontiers in Immunology</i> , 2021 , 12, 699336 | 8.4 | 0 |
| 4 | Clickable Vitamins as a New Tool to Track Vitamin A and Retinoic Acid in Immune Cells. <i>Frontiers in Immunology</i> , 2021 , 12, 671283 | 8.4 | 0 |

- 3 50 years of Dutch immunology--founders, institutions, highlights. *Immunology Letters*, **2014**, 162, 85-94 4.1
- 2 Mouse common lymphocyte progenitors: correcting a misconception. *Nature Reviews Immunology*, **2002**, 2, 140-140 36.5
- 1 Tertiary lymphoid structures are confined to patients presenting with unifocal Langerhans Cell Histiocytosis. *OncImmunology*, **2016**, 5, e1164364 7.2