Laura K Mackay

List of Publications by Year in descending order

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LALIDA K MACKAY

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Sphingosine 1-phosphate receptor 5 (S1PR5) regulates the peripheral retention of tissue-resident lymphocytes. Journal of Experimental Medicine, 2022, 219, . | 8.5 | 56 |
| 2 | Role of the adaptive immune system in diabetic kidney disease. Journal of Diabetes Investigation, 2022, 13, 213-226. | 2.4 | 21 |
| 3 | A diverse fibroblastic stromal cell landscape in the spleen directs tissue homeostasis and immunity. Science Immunology, 2022, 7, eabj0641. | 11.9 | 27 |
| 4 | Lung-resident memory B cells established after pulmonary influenza infection display distinct transcriptional and phenotypic profiles. Science Immunology, 2022, 7, eabf5314. | 11.9 | 38 |
| 5 | Unlocking autofluorescence in the era of full spectrum analysis: Implications for immunophenotype discovery projects. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 922-941. | 1.5 | 13 |
| 6 | ICOS-play: dressing T cells for residency. Trends in Immunology, 2022, 43, 280-282. | 6.8 | 0 |
| 7 | SARS-CoV-2 infection results in immune responses in the respiratory tract and peripheral blood that suggest mechanisms of disease severity. Nature Communications, 2022, 13, 2774. | 12.8 | 21 |
| 8 | Corneal tissue-resident memory T cells form a unique immune compartment at the ocular surface. Cell Reports, 2022, 39, 110852. | 6.4 | 19 |
| 9 | Decoding Tissue-Residency: Programming and Potential of Frontline Memory T Cells. Cold Spring Harbor Perspectives in Biology, 2021, 13, a037960. | 5.5 | 8 |
| 10 | Nociceptive sensory neurons promote CD8 T cell responses to HSV-1 infection. Nature Communications, 2021, 12, 2936. | 12.8 | 26 |
| 11 | Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. Immunity, 2021, 54, 1219-1230.e7. | 14.3 | 60 |
| 12 | Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. Nature Immunology, 2021, 22, 1140-1151. | 14.5 | 96 |
| 13 | Lymphocytes in lockdown. Nature Reviews Immunology, 2021, 21, 617-617. | 22.7 | 1 |
| 14 | Analysis of Skin-Resident Memory T Cells Following Drug Hypersensitivity Reactions. Journal of Investigative Dermatology, 2020, 140, 1442-1445.e4. | 0.7 | 19 |
| 15 | Highâ€dimensional analyses reveal a distinct role of Tâ€cell subsets in the immune microenvironment of gastric cancer. Clinical and Translational Immunology, 2020, 9, e1127. | 3.8 | 21 |
| 16 | Metabolic characteristics of CD8+ T cell subsets in young and aged individuals are not predictive of functionality. Nature Communications, 2020, 11, 2857. | 12.8 | 33 |
| 17 | Organ-specific isoform selection of fatty acid–binding proteins in tissue-resident lymphocytes. Science Immunology, 2020, 5, | 11.9 | 85 |
| 18 | Tissue-resident memory T cells in breast cancer control and immunotherapy responses. Nature Reviews Clinical Oncology, 2020, 17, 341-348. | 27.6 | 159 |

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|----|--|------|-----------|
| 19 | Local heroes or villains: tissue-resident memory T cells in human health and disease. Cellular and Molecular Immunology, 2020, 17, 113-122. | 10.5 | 65 |
| 20 | Modulation of Monocyte-Driven Myositis in Alphavirus Infection Reveals a Role for CX ₃ CR1 ⁺ Macrophages in Tissue Repair. MBio, 2020, 11, . | 4.1 | 16 |
| 21 | Systemic Inflammation Suppresses Lymphoid Tissue Remodeling and B Cell Immunity during Concomitant Local Infection. Cell Reports, 2020, 33, 108567. | 6.4 | 10 |
| 22 | Bhlhe40 Keeps Resident T Cells Too Fit to Quit. Immunity, 2019, 51, 418-420. | 14.3 | 7 |
| 23 | The highs and lows of CD4+ tissue-resident T cells in lung fibrosis. Nature Immunology, 2019, 20, 1416-1418. | 14.5 | 1 |
| 24 | Tissue-Resident Memory T Cells in Cancer Immunosurveillance. Trends in Immunology, 2019, 40, 735-747. | 6.8 | 123 |
| 25 | TCF-1 limits the formation of Tc17 cells via repression of the MAF–RORÎ ³ t axis. Journal of Experimental Medicine, 2019, 216, 1682-1699. | 8.5 | 48 |
| 26 | Peripheral and systemic antigens elicit an expandable pool of resident memory CD8 ⁺ T cells in the bone marrow. European Journal of Immunology, 2019, 49, 853-872. | 2.9 | 24 |
| 27 | Comparative analysis reveals a role for TGF-β in shaping the residency-related transcriptional signature in tissue-resident memory CD8+ T cells. PLoS ONE, 2019, 14, e0210495. | 2.5 | 49 |
| 28 | A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. Science Immunology, 2019, 4, . | 11.9 | 75 |
| 29 | Tissue-resident memory CD8+ T cells promote melanoma–immune equilibrium in skin. Nature, 2019, 565, 366-371. | 27.8 | 266 |
| 30 | Tissue-resident memory T cells orchestrate tumour-immune equilibrium. Cell Stress, 2019, 3, 162-164. | 3.2 | 8 |
| 31 | Local proliferation maintains a stable pool of tissue-resident memory T cells after antiviral recall responses. Nature Immunology, 2018, 19, 183-191. | 14.5 | 266 |
| 32 | Mapping Organism-wide Immune Responses. Trends in Immunology, 2018, 39, 1-2. | 6.8 | 4 |
| 33 | CD8+ T Cell Activation Leads to Constitutive Formation of Liver Tissue-Resident Memory T Cells that Seed a Large and Flexible Niche in the Liver. Cell Reports, 2018, 25, 68-79.e4. | 6.4 | 79 |
| 34 | Making new memories. Nature Reviews Immunology, 2018, 18, 667-667. | 22.7 | 0 |
| 35 | Single-cell profiling of breast cancer T cells reveals a tissue-resident memory subset associated with improved prognosis. Nature Medicine, 2018, 24, 986-993. | 30.7 | 689 |
| 36 | Cutting Edge: Tissue-Resident Memory T Cells Generated by Multiple Immunizations or Localized Deposition Provide Enhanced Immunity. Journal of Immunology, 2017, 198, 2233-2237. | 0.8 | 94 |

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| 37 | Infection Programs Sustained Lymphoid Stromal Cell Responses and Shapes Lymph Node Remodeling upon Secondary Challenge. Cell Reports, 2017, 18, 406-418. | 6.4 | 95 |
| 38 | Transcriptional Regulation of Tissue-Resident Lymphocytes. Trends in Immunology, 2017, 38, 94-103. | 6.8 | 164 |
| 39 | Chemokine Receptor–Dependent Control of Skin Tissue–Resident Memory T Cell Formation. Journal of Immunology, 2017, 199, 2451-2459. | 0.8 | 114 |
| 40 | PDâ€l: always on my mind. Immunology and Cell Biology, 2017, 95, 857-858. | 2.3 | 3 |
| 41 | Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. Science, 2016, 352, 459-463. | 12.6 | 721 |
| 42 | A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. Nature Immunology, 2016, 17, 1300-1311. | 14.5 | 288 |
| 43 | Distinct recirculation potential of CD69 ⁺ CD103 ^{â^'} and CD103 ⁺ thymic memory CD8 ⁺ T cells. Immunology and Cell Biology, 2016, 94, 975-980. | 2.3 | 17 |
| 44 | Tissue-resident memory T cells: local specialists in immune defence. Nature Reviews Immunology, 2016, 16, 79-89. | 22.7 | 778 |
| 45 | T-box Transcription Factors Combine with the Cytokines TGF-Î ² and IL-15 to Control Tissue-Resident Memory T Cell Fate. Immunity, 2015, 43, 1101-1111. | 14.3 | 457 |
| 46 | Editorial: Mannose-6-phosphate receptor delivers the death sentence. Journal of Leukocyte Biology, 2015, 98, 299-300. | 3.3 | 3 |
| 47 | Cutting Edge: CD69 Interference with Sphingosine-1-Phosphate Receptor Function Regulates Peripheral T Cell Retention. Journal of Immunology, 2015, 194, 2059-2063. | 0.8 | 398 |
| 48 | Skin-resident T cells keep parasites on a Leish. Journal of Experimental Medicine, 2015, 212, 1340-1341. | 8.5 | 2 |
| 49 | CD4 Helpers Put Tissue-Resident Memory Cells in Their Place. Immunity, 2014, 41, 514-515. | 14.3 | 4 |
| 50 | Persistence of skin-resident memory T cells within an epidermal niche. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5307-5312. | 7.1 | 261 |
| 51 | Distinct resident and recirculating memory T cell subsets in non-lymphoid tissues. Current Opinion in Immunology, 2013, 25, 329-333. | 5.5 | 56 |
| 52 | The developmental pathway for CD103+CD8+ tissue-resident memory T cells of skin. Nature Immunology, 2013, 14, 1294-1301. | 14.5 | 1,037 |
| 53 | Skinâ€resident memory T cells keep herpes simplex virus at bay. Immunology and Cell Biology, 2013, 91, 441-442. | 2.3 | 2 |
| 54 | Tissueâ€resident memory <scp>T</scp> cells: Local guards of the thymus. European Journal of Immunology, 2013, 43, 2259-2262. | 2.9 | 10 |

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| 55 | Long-lived epithelial immunity by tissue-resident memory T (T _{RM}) cells in the absence of persisting local antigen presentation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7037-7042. | 7.1 | 522 |
| 56 | Local immunity by tissue-resident CD8+ memory T cells. Frontiers in Immunology, 2012, 3, 340. | 4.8 | 96 |
| 57 | Maintenance of T Cell Function in the Face of Chronic Antigen Stimulation and Repeated Reactivation for a Latent Virus Infection. Journal of Immunology, 2012, 188, 2173-2178. | 0.8 | 60 |
| 58 | Different patterns of peripheral migration by memory CD4+ and CD8+ T cells. Nature, 2011, 477, 216-219. | 27.8 | 460 |
| 59 | Nuclear location of an endogenously expressed antigen, EBNA1, restricts access to macroautophagy and the range of CD4 epitope display. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2165-2170. | 7.1 | 101 |
| 60 | T Cell Detection of a B-Cell Tropic Virus Infection: Newly-Synthesised versus Mature Viral Proteins as Antigen Sources for CD4 and CD8 Epitope Display. PLoS Pathogens, 2009, 5, e1000699. | 4.7 | 28 |