

# Lindsay J Hall

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

3,184  
citations

236612

25  
h-index

174990

52  
g-index

89  
all docs

89  
docs citations

89  
times ranked

5174  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | <i>Bifidobacterium castoris</i> strains isolated from wild mice show evidence of frequent host switching and diverse carbohydrate metabolism potential. ISME Communications, 2022, 2, .  | 1.7 | 0         |
| 2  | Macrophage metabolism in the intestine is compartment specific and regulated by the microbiota. Immunology, 2022, 166, 138-152.  | 2.0 | 10        |
| 3  | PRObiotics and SYNbiotics to improve gut health and growth in infants in western Kenya (PROSYNK) Tj ETQq1 1 0.784314 rgBT /Over 0.7 2  | 0.7 | 2         |
| 4  | A systems genomics approach to uncover patient-specific pathogenic pathways and proteins in ulcerative colitis. Nature Communications, 2022, 13, 2299.   | 5.8 | 9         |
| 5  | Maternal gut microbiota <i>Bifidobacterium</i> promotes placental morphogenesis, nutrient transport and fetal growth in mice. Cellular and Molecular Life Sciences, 2022, 79, .  | 2.4 | 19        |
| 6  | Bacterial strains augment cancer therapeutics. Nature Microbiology, 2021, 6, 275-276.  | 5.9 | 2         |
| 7  | Exploring the impact of gut microbiota and diet on breast cancer risk and progression. International Journal of Cancer, 2021, 149, 494-504.  | 2.3 | 22        |
| 8  | Improved molecular characterization of the <i>Klebsiella oxytoca</i> complex reveals the prevalence of the kleboxymycin biosynthetic gene cluster. Microbial Genomics, 2021, 7, .  | 1.0 | 10        |
| 9  | The Pregnancy and EARly Life study (PEARL) - a longitudinal study to understand how gut microbes contribute to maintaining health during pregnancy and early life. BMC Pediatrics, 2021, 21, 357.                                      | 0.7 | 2         |
| 10 | Antibiotic-induced disturbances of the gut microbiota result in accelerated breast tumor growth. IScience, 2021, 24, 103012.   | 1.9 | 41        |
| 11 | Exploring the Genomic Diversity and Antimicrobial Susceptibility of <i>Bifidobacterium pseudocatenulatum</i> in a Vietnamese Population. Microbiology Spectrum, 2021, 9, e0052621.   | 1.2 | 6         |
| 12 | Microbes, human milk, and prebiotics. , 2021, , 197-237.   |     | 2         |
| 13 | <i>Enterococcus innesii</i> sp. nov., isolated from the wax moth <i>Galleria mellonella</i> . International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .   | 0.8 | 9         |
| 14 | Incidence of necrotising enterocolitis before and after introducing routine prophylactic <i>Lactobacillus</i> and <i>Bifidobacterium</i> probiotics. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 380-386. | 1.4 | 70        |
| 15 | Breast milk-derived human milk oligosaccharides promote <i>Bifidobacterium</i> interactions within a single ecosystem. ISME Journal, 2020, 14, 635-648.  | 4.4 | 220       |
| 16 | Rapid MinION profiling of preterm microbiota and antimicrobial-resistant pathogens. Nature Microbiology, 2020, 5, 430-442.   | 5.9 | 113       |
| 17 | Microbiota Supplementation with <i>Bifidobacterium</i> and <i>Lactobacillus</i> Modifies the Preterm Infant Gut Microbiota and Metabolome: An Observational Study. Cell Reports Medicine, 2020, 1, 100077.                             | 3.3 | 119       |
| 18 | Preterm Infants Harbour a Rapidly Changing Mycobiota That Includes <i>Candida</i> Pathobionts. Journal of Fungi (Basel, Switzerland), 2020, 6, 273.  | 1.5 | 21        |

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|----|---|-----|-----------|
| 19 | Succession of Bifidobacterium longum Strains in Response to a Changing Early Life Nutritional Environment Reveals Dietary Substrate Adaptations. IScience, 2020, 23, 101368.  | 1.9 | 26        |
| 20 | Bifidobacterium breve UCC2003 Induces a Distinct Global Transcriptomic Program in Neonatal Murine Intestinal Epithelial Cells. IScience, 2020, 23, 101336.  | 1.9 | 23        |
| 21 | The early life microbiota protects neonatal mice from pathological small intestinal epithelial cell shedding. FASEB Journal, 2020, 34, 7075-7088.   | 0.2 | 27        |
| 22 | Bifidobacterium breve UCC2003 Exopolysaccharide Modulates the Early Life Microbiota by Acting as a Potential Dietary Substrate. Nutrients, 2020, 12, 948.   | 1.7 | 22        |
| 23 | Setting the agenda for social science research on the human microbiome. Palgrave Communications, 2020, 6, .   | 4.7 | 39        |
| 24 | Preterm infants harbour diverse Klebsiella populations, including atypical species that encode and produce an array of antimicrobial resistance- and virulence-associated factors. Microbial Genomics, 2020, 6, .   | 1.0 | 35        |
| 25 | Recent advances in understanding the neonatal microbiome. F1000Research, 2020, 9, 422.  | 0.8 | 22        |
| 26 | Antibiotic use and the risk of rheumatoid arthritis: a population-based case-control study. BMC Medicine, 2019, 17, 154.  | 2.3 | 23        |
| 27 | Genomic Analysis of Clostridium perfringens BEC/CPiLE-Positive, Toxinotype D and E Strains Isolated from Healthy Children. Toxins, 2019, 11, 543.   | 1.5 | 11        |
| 28 | Integrative analysis of Paneth cell proteomic and transcriptomic data from intestinal organoids reveals functional processes dependent on autophagy. DMM Disease Models and Mechanisms, 2019, 12, .   | 1.2 | 20        |
| 29 | Streaming histogram sketching for rapid microbiome analytics. Microbiome, 2019, 7, 40.  | 4.9 | 18        |
| 30 | Genomic analysis on broiler-associated Clostridium perfringens strains and exploratory caecal microbiome investigation reveals key factors linked to poultry necrotic enteritis. Animal Microbiome, 2019, 1, 12.  | 1.5 | 29        |
| 31 | Draft Genome Sequences of Citrobacter freundii and Citrobacter murlinae Strains Isolated from the Feces of Preterm Infants. Microbiology Resource Announcements, 2019, 8, .   | 0.3 | 6         |
| 32 | Phylogenomic analysis of gastroenteritis-associated Clostridium perfringens in England and Wales over a 7-year period indicates distribution of clonal toxigenic strains in multiple outbreaks and extensive involvement of enterotoxin-encoding (CPE) plasmids. Microbial Genomics, 2019, 5, . | 1.0 | 16        |
| 33 | Draft Genome Sequence of Raoultella ornithinolytica P079F W, Isolated from the Feces of a Preterm Infant. Microbiology Resource Announcements, 2019, 8, .   | 0.3 | 2         |
| 34 | Improving causality in microbiome research: can human genetic epidemiology help?. Wellcome Open Research, 2019, 4, 199.   | 0.9 | 21        |
| 35 | Improving causality in microbiome research: can human genetic epidemiology help?. Wellcome Open Research, 2019, 4, 199.   | 0.9 | 28        |
| 36 | The microbiota, antibiotics and breast cancer. Breast Cancer Management, 2019, 8, BMT29.  | 0.2 | 8         |

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|----|--|-----|-----------|
| 37 | The impact of storage conditions on human stool 16S rRNA microbiome composition and diversity. PeerJ, 2019, 7, e8133.  | 0.9 | 20        |
| 38 | Response: Commentary: Probing Genomic Aspects of the Multi-Host Pathogen <i>Clostridium perfringens</i> Reveals Significant Pangenome Diversity, and a Diverse Array of Virulence Factors. Frontiers in Microbiology, 2018, 9, 1857. | 1.5 | 1         |
| 39 | Antibiotics induce sustained dysregulation of intestinal T cell immunity by perturbing macrophage homeostasis. Science Translational Medicine, 2018, 10, .   | 5.8 | 200       |
| 40 | An update on the human and animal enteric pathogen <i>Clostridium perfringens</i> . Emerging Microbes and Infections, 2018, 7, 1-15.   | 3.0 | 262       |
| 41 | <i>Bifidobacterium breve</i> reduces apoptotic epithelial cell shedding in an exopolysaccharide and MyD88-dependent manner. Open Biology, 2017, 7, 160155.   | 1.5 | 65        |
| 42 | The microbiome beyond the horizon of ecological and evolutionary theory. Nature Ecology and Evolution, 2017, 1, 1606-1615.   | 3.4 | 216       |
| 43 | Preterm Infant-Associated <i>Clostridium tertium</i> , <i>Clostridium cadaveris</i> , and <i>Clostridium paraputrificum</i> Strains: Genomic and Evolutionary Insights. Genome Biology and Evolution, 2017, 9, 2707-2714.            | 1.1 | 39        |
| 44 | Optimisation of 16S rRNA gut microbiota profiling of extremely low birth weight infants. BMC Genomics, 2017, 18, 841.  | 1.2 | 47        |
| 45 | Probing Genomic Aspects of the Multi-Host Pathogen <i>Clostridium perfringens</i> Reveals Significant Pangenome Diversity, and a Diverse Array of Virulence Factors. Frontiers in Microbiology, 2017, 8, 2485.                       | 1.5 | 70        |
| 46 | Exploring the role of the microbiota member <i>Bifidobacterium</i> in modulating immune-linked diseases. Emerging Topics in Life Sciences, 2017, 1, 333-349.   | 1.1 | 78        |
| 47 | Gut Microbiome in New-Onset Crohn's Disease. Gastroenterology, 2014, 147, 932-934.   | 0.6 | 18        |
| 48 | Development and characterization of an enhanced nonviral expression vector for electroporation cancer treatment. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14012.   | 1.8 | 6         |
| 49 | Regulation of Host Gene Expression by Gut Microbiota. Gastroenterology, 2013, 144, 841-844.  | 0.6 | 2         |
| 50 | Natural killer cells protect mice from DSS-induced colitis by regulating neutrophil function via the NKG2A receptor. Mucosal Immunology, 2013, 6, 1016-1026.   | 2.7 | 55        |
| 51 | A mouse model of pathological small intestinal epithelial cell apoptosis and shedding induced by systemic administration of lipopolysaccharide. DMM Disease Models and Mechanisms, 2013, 6, 1388-99.                                 | 1.2 | 137       |
| 52 | Natural Killer Cells Protect against Mucosal and Systemic Infection with the Enteric Pathogen <i>Citrobacter rodentium</i> . Infection and Immunity, 2013, 81, 460-469.  | 1.0 | 53        |
| 53 | <i>Bifidobacterium breve</i> UCC2003 surface exopolysaccharide production is a beneficial trait mediating commensal-host interaction through immune modulation and pathogen protection. Gut Microbes, 2012, 3, 420-425.              | 4.3 | 67        |
| 54 | The Sphingosine-1-Phosphate Analogue FTY720 Impairs Mucosal Immunity and Clearance of the Enteric Pathogen <i>Citrobacter rodentium</i> . Infection and Immunity, 2012, 80, 2712-2723.   | 1.0 | 23        |

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|----|--|-----|-----------|
| 55 | Role of Autophagy in NOD2-Induced Inflammation in Crohn's Disease. <i>Gastroenterology</i> , 2012, 142, 1032-1034.   | 0.6 | 4         |
| 56 | Cell Shedding: Old Questions Answered. <i>Gastroenterology</i> , 2012, 143, 1389-1391.   | 0.6 | 7         |
| 57 | Bifidobacterial surface-exopolysaccharide facilitates commensal-host interaction through immune modulation and pathogen protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2108-2113. | 3.3 | 450       |
| 58 | Induction and Activation of Adaptive Immune Populations During Acute and Chronic Phases of a Murine Model of Experimental Colitis. <i>Digestive Diseases and Sciences</i> , 2011, 56, 79-89.   | 1.1 | 88        |
| 59 | Live Vaccines and Their Role in Modern Vaccinology. , 2011, , 3-14.  |     | 0         |
| 60 | A Salmonella Typhimurium-Typhi Genomic Chimera: A Model to Study Vi Polysaccharide Capsule Function In Vivo. <i>PLoS Pathogens</i> , 2011, 7, e1002131.  | 2.1 | 41        |
| 61 | Probing local innate immune responses after mucosal immunisation. <i>Journal of Immune Based Therapies and Vaccines</i> , 2010, 8, 5.  | 2.4 | 4         |
| 62 | Use of bioluminescence imaging to track neutrophil migration and its inhibition in experimental colitis. <i>Clinical and Experimental Immunology</i> , 2010, 162, 188-196.   | 1.1 | 30        |
| 63 | NK Cells Influence Both Innate and Adaptive Immune Responses after Mucosal Immunization with Antigen and Mucosal Adjuvant. <i>Journal of Immunology</i> , 2010, 184, 4327-4337.  | 0.4 | 35        |
| 64 | Characterisation of a live Salmonella vaccine stably expressing the Mycobacterium tuberculosis Ag85Bâ€‘ESAT6 fusion protein. <i>Vaccine</i> , 2009, 27, 6894-6904.   | 1.7 | 25        |
| 65 | Candidate Live, Attenuated Salmonella enterica Serotype Typhimurium Vaccines with Reduced Fecal Shedding Are Immunogenic and Effective Oral Vaccines. <i>Infection and Immunity</i> , 2007, 75, 1835-1842.   | 1.0 | 47        |