

Development of the Human Infant Intestinal Microbiota

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Citation Report

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1	Prevention and treatment of enteric viral infections: possible benefits of probiotic bacteria. <i>Microbes and Infection</i> , 2007, 9, 1623-1631.	1.0	48
2	The inside story. <i>Nature</i> , 2007, 448, 542-544.	13.7	23
4	An ecological and evolutionary perspective on humanâ€™microbe mutualism and disease. <i>Nature</i> , 2007, 449, 811-818.	13.7	1,430
5	Small bowel bacterial overgrowth: A negative factor in gut adaptation in pediatric SBS. <i>Current Gastroenterology Reports</i> , 2007, 9, 456-462.	1.1	73
6	Bacterial vaginosis: Culture- and PCR-based characterizations of a complex polymicrobial diseaseâ€™s pathobiology. <i>Current Infectious Disease Reports</i> , 2007, 9, 485-500.	1.3	34
7	Multi-layered regulation of intestinal antimicrobial defense. <i>Cellular and Molecular Life Sciences</i> , 2008, 65, 3019-3027.	2.4	123
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19	Intestinal microbiota development in the premature neonate: establishment of a lasting commensal relationship?. <i>Nutrition Reviews</i> , 2008, 66, 658-663.	2.6	73

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22	A short-oligonucleotide microarray that allows improved detection of gastrointestinal tract microbial communities. <i>BMC Microbiology</i> , 2008, 8, 195.	1.3	17
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1548	APOE genotype and postnatal chlorpyrifos exposure modulate gut microbiota and cerebral short-chain fatty acids in preweaning mice. <i>Food and Chemical Toxicology</i> , 2020, 135, 110872.	1.8	25
1549	Intestinal dysbiosis and necrotizing enterocolitis: assessment for causality using Bradford Hill criteria. <i>Pediatric Research</i> , 2020, 87, 235-248.	1.1	37
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1557	Microbiome and hypertension: where are we now?. Journal of Cardiovascular Medicine, 2020, 21, 83-88.	0.6	35
1558	“Layered immunity” and the “neonatal window of opportunity” – timed succession of non-redundant phases to establish mucosal host-microbial homeostasis after birth. Immunology, 2020, 159, 15-25.	2.0	72
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1562	Higher frequency of vertebrate-infecting viruses in the gut of infants born to mothers with type 1 diabetes. Pediatric Diabetes, 2020, 21, 271-279.	1.2	10
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1565	Gut microbiota and old age: Modulating factors and interventions for healthy longevity. Experimental Gerontology, 2020, 141, 111095.	1.2	61
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1567	Individualizing pharmacogenomic test results in the context of the microbiome. Personalized Medicine, 2020, 17, 459-468.	0.8	1
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1571	Does entry to center-based childcare affect gut microbial colonization in young infants?. <i>Scientific Reports</i> , 2020, 10, 10235.	1.6	11
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1573	Current knowledge and perspectives of potential impacts of <i>Salmonella enterica</i> on the profile of the gut microbiota. <i>BMC Microbiology</i> , 2020, 20, 353.	1.3	19
1574	The inflammatory microenvironment and the urinary microbiome in the initiation and progression of bladder cancer. <i>Genes and Diseases</i> , 2021, 8, 781-797.	1.5	11
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1577	Fecal <i>Klebsiella pneumoniae</i> Carriage Is Intermittent and of High Clonal Diversity. <i>Frontiers in Microbiology</i> , 2020, 11, 581081.	1.5	9
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1580	Gut Microbiota of Young Children Living in Four Brazilian Cities. <i>Frontiers in Pediatrics</i> , 2020, 8, 573815.	0.9	2
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1583	Age-related differences in gut microbial community composition of captive spotted seals (<i>Phoca largha</i>). <i>Marine Mammal Science</i> , 2020, 36, 1231-1240.	0.9	13
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1588	Extracellular Vesicles Produced by Bifidobacterium longum Export Mucin-Binding Proteins. Applied and Environmental Microbiology, 2020, 86, .	1.4	37
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1598	Vaccine Interactions With the Infant Microbiome: Do They Define Health and Disease?. Frontiers in Pediatrics, 2020, 8, 565368.	0.9	11
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1607	The microbiota-gut-brain axis: Focus on the fundamental communication pathways. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 176, 43-110.	0.9	35
1608	Developmental differences in the intestinal microbiota of Chinese 1-year-old infants and 4-year-old children. <i>Scientific Reports</i> , 2020, 10, 19470.	1.6	15
1609	The Influence of Breastfeeding, Cesarean Section, Pet Animals, and Urbanization on the Development of Inflammatory Bowel Disease: Data from the Swiss IBD Cohort Study. <i>Inflammatory Intestinal Diseases</i> , 2020, 5, 170-179.	0.8	3
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1616	Age-related changes in the gut microbiota and the core gut microbiome of healthy Thai humans. <i>3 Biotech</i> , 2020, 10, 276.	1.1	24
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1619	Microbial colonization alters neonatal gut metabolome. <i>Nature Microbiology</i> , 2020, 5, 785-786.	5.9	3
1620	Station and train surface microbiomes of Mexico City's metro (subway/underground). <i>Scientific Reports</i> , 2020, 10, 8798.	1.6	18
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1624	Host genotype and exercise exhibit species-level selection for members of the gut bacterial communities in the mouse digestive system. <i>Scientific Reports</i> , 2020, 10, 8984.	1.6	13
1625	Commensal Obligate Anaerobic Bacteria and Health: Production, Storage, and Delivery Strategies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 550.	2.0	40
1626	Human microbiome: an academic update on human body site specific surveillance and its possible role. <i>Archives of Microbiology</i> , 2020, 202, 2147-2167.	1.0	141
1627	Gut dysbiosis modulates the immune response to factor VIII in murine hemophilia A. <i>Blood Advances</i> , 2020, 4, 2644-2655.	2.5	1
1628	The Role of Gut Microbiota and Environmental Factors in Type 1 Diabetes Pathogenesis. <i>Frontiers in Endocrinology</i> , 2020, 11, 78.	1.5	96
1629	Colonization and immunoregulation of <i>Lactobacillus plantarum</i> BF_15, a novel probiotic strain from the feces of breast-fed infants. <i>Food and Function</i> , 2020, 11, 3156-3166.	2.1	17
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1636	Gut microbiota and cancer immunotherapy: prognostic and therapeutic implications. <i>Future Oncology</i> , 2020, 16, 497-506.	1.1	16
1637	Development and Functions of the Infant Gut Microflora: Western vs Indian Infants. <i>International Journal of Pediatrics (United Kingdom)</i> , 2020, 2020, 1-10.	0.2	9
1638	History of breastfeeding but not mode of delivery shapes the gut microbiome in childhood. <i>PLoS ONE</i> , 2020, 15, e0235223.	1.1	17
1639	Dynamic distribution of gut microbiota during embryonic development in chicken. <i>Poultry Science</i> , 2020, 99, 5079-5090.	1.5	28
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1643	Examination of Carbohydrate Products in Feces Reveals Potential Biomarkers Distinguishing Exclusive and Nonexclusive Breastfeeding Practices in Infants. <i>Journal of Nutrition</i> , 2020, 150, 1051-1057.	1.3	0
1644	A comparison of small bowel and fecal microbiota in children with short bowel syndrome. <i>Journal of Pediatric Surgery</i> , 2020, 55, 878-882.	0.8	6
1645	The Gut Microbiota and Its Implication in the Development of Atherosclerosis and Related Cardiovascular Diseases. <i>Nutrients</i> , 2020, 12, 605.	1.7	109
1646	Nitrate from diet might fuel gut microbiota metabolism: Minding the gap between redox signaling and inter-kingdom communication. <i>Free Radical Biology and Medicine</i> , 2020, 149, 37-43.	1.3	28
1647	Arsenic disturbs the gut microbiome of individuals in a disadvantaged community in Nepal. <i>Heliyon</i> , 2020, 6, e03313.	1.4	20
1648	Diversity, compositional and functional differences between gut microbiota of children and adults. <i>Scientific Reports</i> , 2020, 10, 1040.	1.6	89
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1650	Indole-3-lactic acid, a metabolite of tryptophan, secreted by <i>Bifidobacterium longum</i> subspecies <i>infantis</i> is anti-inflammatory in the immature intestine. <i>Pediatric Research</i> , 2020, 88, 209-217.	1.1	145
1651	The Role of Interstitial Matrix and the Lymphatic System in Gastrointestinal Lipid and Lipoprotein Metabolism. <i>Frontiers in Physiology</i> , 2020, 11, 4.	1.3	18
1652	The infant gut microbiome as a microbial organ influencing host well-being. <i>Italian Journal of Pediatrics</i> , 2020, 46, 16.	1.0	93
1653	Oral microbiome: possible harbinger for children's health. <i>International Journal of Oral Science</i> , 2020, 12, 12.	3.6	105
1654	Hospital Regimens Including Probiotics Guide the Individual Development of the Gut Microbiome of Very Low Birth Weight Infants in the First Two Weeks of Life. <i>Nutrients</i> , 2020, 12, 1256.	1.7	16
1655	Breast Milk and Microbiota in the Premature Gut: A Method of Preventing Necrotizing Enterocolitis. <i>Nestle Nutrition Institute Workshop Series</i> , 2020, 94, 103-112.	1.5	7
1656	Effects of <i>Lactobacillus pentosus</i> HC-2 on the growth performance, intestinal morphology, immune-related genes and intestinal microbiota of <i>Penaeus vannamei</i> affected by aflatoxin B1. <i>Aquaculture</i> , 2020, 525, 735289.	1.7	19
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1660	Mycobiome in the Gut: A Multiperspective Review. <i>Mediators of Inflammation</i> , 2020, 2020, 1-16.	1.4	84
1661	Postbiotics: A novel strategy in food allergy treatment. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 492-499.	5.4	59
1662	Probiotics in microbiome ecological balance providing a therapeutic window against cancer. <i>Seminars in Cancer Biology</i> , 2021, 70, 24-36.	4.3	46
1663	Initial Evidence of Distinguishable Bacterial and Fungal Dysbiosis in the Skin of Patients with Atopic Dermatitis or Netherton Syndrome. <i>Journal of Investigative Dermatology</i> , 2021, 141, 114-123.	0.3	23
1664	Distinct gut microbiota and metabolite profiles induced by delivery mode in healthy Chinese infants. <i>Journal of Proteomics</i> , 2021, 232, 104071.	1.2	16
1665	Age Patterning in Wild Chimpanzee Gut Microbiota Diversity Reveals Differences from Humans in Early Life. <i>Current Biology</i> , 2021, 31, 613-620.e3.	1.8	31
1666	The impact of the microbiota-gut-brain axis on Alzheimer’s disease pathophysiology. <i>Pharmacological Research</i> , 2021, 164, 105314.	3.1	144
1667	Inflammatory Bowel Diseases (IBD) and the Microbiome – Searching the Crime Scene for Clues. <i>Gastroenterology</i> , 2021, 160, 524-537.	0.6	276
1668	Diversity of Methanogens in Animals – Gut. <i>Microorganisms</i> , 2021, 9, 13.	1.6	24
1669	Pathogenesis of necrotising enterocolitis: The impact of the altered gut microbiota and antibiotic exposure in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 433-440.	0.7	19
1670	Gut Microbiome. , 2021, , 3586-3590.		0
1671	Gut Microbiota and Antibiotics: Dysbiosis and Antimicrobial Resistance. , 2022, , 374-386.		0
1672	The gut microbial diversity of colon cancer patients and the clinical significance. <i>Bioengineered</i> , 2021, 12, 7046-7060.	1.4	26
1673	Modeling transfer of vaginal microbiota from mother to infant in early life. <i>ELife</i> , 2021, 10, .	2.8	35
1674	Human Milk Oligosaccharides and Microbiome Homeostasis. , 2021, , 372-388.		0
1675	The Emerging Role of Polyphenols in the Management of Type 2 Diabetes. <i>Molecules</i> , 2021, 26, 703.	1.7	37
1676	Early Life Events With Microbiota Mediated Effects on Brain Functions. , 2021, , 39-39.		0

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1678	The Gut Microbiome in Pediatrics. , 2021, , 32-39.e3.		1
1679	Norovirus diarrhea is significantly associated with higher counts of fecal histo-blood group antigen expressing <i>Enterobacter cloacae</i> among black South African infants. Gut Microbes, 2021, 13, 1979876.	4.3	6
1680	The Gut Microbiota, Nutrition, and Long-Term Disease Risk: A Mother and Child Perspective. , 2022, , 289-307.		1
1681	Psychobiotics: A Newer Approach Toward the Treatment of Neurodevelopmental Disorders. , 2021, , 203-216.		0
1683	Differences in the fecal microbiota due to the sexual niche segregation of captive Gentoo penguins <i>Pygoscelis papua</i> . Polar Biology, 2021, 44, 473-482.	0.5	5
1684	The Gut Microbial Composition Is Species-Specific and Individual-Specific in Two Species of Estrildid Finches, the Bengalese Finch and the Zebra Finch. Frontiers in Microbiology, 2021, 12, 619141.	1.5	13
1685	The role of parental care in the establishment of the offspring digestive tract microbiome in <i>Nicrophorus defodiens</i> . Animal Behaviour, 2021, 172, 35-44.	0.8	1
1686	Taxonomic Description and Genome Sequence of <i>Christensenella intestinihominis</i> sp. nov., a Novel Cholesterol-Lowering Bacterium Isolated From Human Gut. Frontiers in Microbiology, 2021, 12, 632361.	1.5	18
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1688	Gut Microbiome. Journal of Pediatric Gastroenterology and Nutrition, 2021, 72, 184-193.	0.9	15
1689	Changes in the gut microbial community of the eastern newt (<i>Notophthalmus viridescens</i>) across its three distinct life stages. FEMS Microbiology Ecology, 2021, 97, .	1.3	7
1690	Multi-kingdom ecological drivers of microbiota assembly in preterm infants. Nature, 2021, 591, 633-638.	13.7	169
1691	Metagenomic analysis of the gut microbiome composition associated with vitamin D supplementation in Taiwanese infants. Scientific Reports, 2021, 11, 2856.	1.6	14
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1693	Microbiomes: Infant Chimps Crawling with Bacteria. Current Biology, 2021, 31, R124-R126.	1.8	1
1694	Gut microbiota development during infancy: Impact of introducing allergenic foods. Journal of Allergy and Clinical Immunology, 2021, 147, 613-621.e9.	1.5	43
1695	The Development of Early Life Microbiota in Human Health and Disease. Engineering, 2022, 12, 101-114.	3.2	6

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1697	Latent Dynamical Variables Produce Signatures of Spatiotemporal Criticality in Large Biological Systems. <i>Physical Review Letters</i> , 2021, 126, 118302.	2.9	12
1698	Early-Life Development of the Bifidobacterial Community in the Infant Gut. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3382.	1.8	28
1699	Effect of polyhexanide as antiseptic mouth rinse against oral pathogens in an <i>in vitro</i> biofilm model. <i>Acta Odontologica Scandinavica</i> , 2021, 79, 506-513.	0.9	8
1700	Model-Based Microbiome Data Ordination: A Variational Approximation Approach. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 1036-1048.	0.9	6
1701	Host/microbiota interactions in health and diseasesâ€”Time for mucosal microbiology!. <i>Mucosal Immunology</i> , 2021, 14, 1006-1016.	2.7	51
1702	Transient Effect of Infant Formula Supplementation on the Intestinal Microbiota. <i>Nutrients</i> , 2021, 13, 807.	1.7	8
1703	The Life-Long Role of Nutrition on the Gut Microbiome and Gastrointestinal Disease. <i>Gastroenterology Clinics of North America</i> , 2021, 50, 77-100.	1.0	5
1704	GABA Production by Human Intestinal <i>Bacteroides</i> spp.: Prevalence, Regulation, and Role in Acid Stress Tolerance. <i>Frontiers in Microbiology</i> , 2021, 12, 656895.	1.5	86
1705	Gut microbes in gastrointestinal cancers. <i>Seminars in Cancer Biology</i> , 2022, 86, 967-975.	4.3	7
1706	Association Between the Mode of Delivery and Infant Gut Microbiota Composition Up to 6 Months of Age: A Systematic Literature Review Considering the Role of Breastfeeding. <i>Nutrition Reviews</i> , 2021, 80, 113-127.	2.6	20
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