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The gut microbiota shapes intestinal immune responses during health and disease

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#	Paper	IF	Citations
2231	.		
2230	News & Highlights. <b>2009</b> , 2, 464-466		
2229	[Outside-in. Probiotic topical agents]. <b>2009</b> , 60, 795-801		14
2228	Extra-adrenal glucocorticoid synthesis in the intestinal epithelium: more than a drop in the ocean?. <b>2009</b> , 31, 237-48		30
2227	A hundred-year-old insight into the gut microbiome!. <b>2009</b> , 1, 21		7
2226	Therapeutic implications of manipulating and mining the microbiota. <b>2009</b> , 587, 4175-9		38
2225	Strain-specific probiotic ( <i>Lactobacillus helveticus</i> ) inhibition of <i>Campylobacter jejuni</i> invasion of human intestinal epithelial cells. <b>2009</b> , 300, 146-52		76
2224	The key role of segmented filamentous bacteria in the coordinated maturation of gut helper T cell responses. <b>2009</b> , 31, 677-89		1054
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2221	Th17 lineage commitment and HIV-1 pathogenesis. <b>2010</b> , 5, 158-65		42
2220	Update on mucosal immunoglobulin A in gastrointestinal disease. <b>2010</b> , 26, 554-63		84
2219	Early life: gut microbiota and immune development in infancy. <b>2010</b> , 1, 367-82		184
2218	Regulation of Th17 cell differentiation by intestinal commensal bacteria. <b>2010</b> , 1, 327-34		12
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2216	Microecology, intestinal epithelial barrier and necrotizing enterocolitis. <b>2010</b> , 26, 11-21		40
2215	The role of infection in the aetiology of inflammatory bowel disease. <b>2010</b> , 45, 266-76		93

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1796	Innate immune recognition of the microbiota promotes host-microbial symbiosis. <b>2013</b> , 14, 668-75	366
1795	Host genotype, intestinal microbiota and inflammatory disorders. <b>2013</b> , 109 Suppl 2, S76-80	25
1794	A single strain of <i>Clostridium butyricum</i> induces intestinal IL-10-producing macrophages to suppress acute experimental colitis in mice. <b>2013</b> , 13, 711-22	171
1793	The role of the lung microbiome in health and disease. A National Heart, Lung, and Blood Institute workshop report. <b>2013</b> , 187, 1382-7	113
1792	<i>Fusobacterium</i> is associated with colorectal adenomas. <b>2013</b> , 8, e53653	338
1791	Phage-mediated selection on microbiota of a long-lived host. <b>2013</b> , 23, 1256-60	67
1790	Preface. Between Pathogenicity and Commensalism. <b>2013</b> , 358, v-vii	4
1789	Ontogeny and localization of the cells produce IL-2 in healthy animals. <b>2013</b> , 61, 831-41	9
1788	A microbiota signature associated with experimental food allergy promotes allergic sensitization and anaphylaxis. <b>2013</b> , 131, 201-12	273
1787	Effect of dam parity on litter performance, transfer of passive immunity, and progeny microbial ecology. <b>2013</b> , 91, 2885-93	38
1786	Experimental models of the gut microbiome. <b>2013</b> , 27, 115-26	125
1785	Infectious Agents and Cancer. <b>2013</b> ,	4
1784	Host-centric proteomics of stool: a novel strategy focused on intestinal responses to the gut microbiota. <b>2013</b> , 12, 3310-8	42
1783	Neuronal nitric oxide synthase mediates the effect of ethanol on IgA. <b>2013</b> , 48, 53-8	3

1782	Modulating the human gut microbiome as an emerging therapeutic paradigm. <b>2013</b> , 96, 224-36	14
1781	Regulation of CTnDOT conjugative transfer is a complex and highly coordinated series of events. <b>2013</b> , 4, e00569-13	44
1780	Innate immune functions of Hefensins in the small intestine. <b>2013</b> , 31, 299-304	35
1779	Strategies to minimize antibiotic resistance. <b>2013</b> , 10, 4274-305	210
1778	Porphyromonas gingivalis: keeping the pathos out of the biont. <b>2013</b> , 5,	45
1777	Microbial 'Old Friends', immunoregulation and stress resilience. <b>2013</b> , 2013, 46-64	128
1776	Novel developmental analyses identify longitudinal patterns of early gut microbiota that affect infant growth. <b>2013</b> , 9, e1003042	58
1775	Co-evolution in context: The importance of studying gut microbiomes in wild animals. <b>2013</b> , 1,	84
1774	Dominant fecal microbiota in newly diagnosed untreated inflammatory bowel disease patients. <b>2013</b> , 2013, 636785	38
1773	Tailoring gut immune responses with lipoteichoic acid-deficient Lactobacillus acidophilus. <b>2013</b> , 4, 25	18
1772	Host-microbe interactions in the gut of Drosophila melanogaster. <b>2013</b> , 4, 375	60
1771	Debug Your Bugs - How NLRs Shape Intestinal Host-Microbe Interactions. <b>2013</b> , 4, 479	11
1770	Age-dependent fecal bacterial correlation to inflammatory bowel disease for newly diagnosed untreated children. <b>2013</b> , 2013, 302398	11
1769	The environment within: exploring the role of the gut microbiome in health and disease. <b>2013</b> , 121, A276-81	8
1768	New insights in intestinal ischemia-reperfusion injury: implications for intestinal transplantation. <b>2013</b> , 18, 298-303	44
1767	Crohn's disease may be differentiated into 2 distinct biotypes based on the detection of bacterial genomic sequences and virulence genes within submucosal tissues. <b>2013</b> , 47, 612-20	15
1766	The intestinal microbiota and susceptibility to infection in immunocompromised patients. <b>2013</b> , 26, 332-7	88
1765	The microbiology and immunology of normal physiologic birth: a plea for the nature of mother. <b>2013</b> , 27, 278-80	2

1764	Diversity of intestinal microbiota in infancy and the risk of allergic disease in childhood. <b>2013</b> , 13, 257-62	15
1763	Tetracycline-related transcriptional regulation of the CTnDOT mobilization region. <b>2013</b> , 195, 5431-8	7
1762	Panel 5: Microbiology and immunology panel. <b>2013</b> , 148, E64-89	12
1761	Challenges in translational research on probiotic lactobacilli: from in vitro assays to clinical trials. <b>2013</b> , 4, 83-100	12
1760	Impacts of prebiotics on the immune system and inflammation. <b>2013</b> , 292-312	3
1759	Intestinal permeability and fecal eosinophil-derived neurotoxin are the best diagnosis tools for digestive non-IgE-mediated cow's milk allergy in toddlers. <b>2013</b> , 51, 351-61	31
1758	Overcoming the challenges of studying conservation physiology in large whales: a review of available methods. <b>2013</b> , 1, cot006	126
1757	Lactobacilli regulate Staphylococcus aureus 161:2-induced pro-inflammatory T-cell responses in vitro. <b>2013</b> , 8, e77893	10
1756	Organ Microbiota in Cancer Development: The Holy Grail of Biological Carcinogenesis. <b>2013</b> , 93-109	
1755	Functional glycans and glycoconjugates in human milk. <b>2013</b> , 98, 578S-85S	26
1754	Lactobacillus casei strain Shirota protects against nonalcoholic steatohepatitis development in a rodent model. <b>2013</b> , 305, G911-8	66
1753	The interplay between the gut microbiota and the immune system in the mechanism of type 1 diabetes. <b>2013</b> , 20, 265-70	21
1752	The intestinal microbiome and necrotizing enterocolitis. <b>2013</b> , 25, 382-7	68
1751	Chemical and cytokine features of innate immunity characterize serum and tissue profiles in inflammatory bowel disease. <b>2013</b> , 110, E2332-41	71
1750	Differential induction of antimicrobial REGIII by the intestinal microbiota and Bifidobacterium breve NCC2950. <b>2013</b> , 79, 7745-54	70
1749	Divergent immunomodulating effects of probiotics on T cell responses to oral attenuated human rotavirus vaccine and virulent human rotavirus infection in a neonatal gnotobiotic piglet disease model. <b>2013</b> , 191, 2446-56	68
1748	Mucosal immunity in a healthy gut. <b>2013</b> , 34-80	2
1747	Reciprocal interaction between intestinal microbiota and mucosal lymphocyte in cynomolgus monkeys after alemtuzumab treatment. <b>2013</b> , 13, 899-910	24

1746	Potential of probiotics, prebiotics and synbiotics for management of colorectal cancer. <b>2013</b> , 4, 181-92	140
1745	Survival, distribution, and translocation of <i>Enterococcus faecalis</i> and implications for pregnant mice. <b>2013</b> , 349, 32-9	11
1744	Prebiotics, faecal transplants and microbial network units to stimulate biodiversity of the human gut microbiome. <b>2013</b> , 6, 335-40	32
1743	Case-control study and mRNA expression analysis reveal the MyD88 gene is associated with digestive disorders in rabbit. <b>2013</b> , 44, 703-10	2
1742	Recovery from TNBS-induced colitis leads to the resistance to recurrent colitis and an increased ratio of FOXP3 to CD3 mRNA. <b>2013</b> , 14, 587-95	1
1741	Restructuring of the amphibian gut microbiota through metamorphosis. <b>2013</b> , 5, 899-903	87
1740	The human gut microbiome and its dysfunctions. <b>2013</b> , 31, 278-85	49
1739	From Fly to Human: Understanding How Commensal Microorganisms Influence Host Immunity and Health. <b>2013</b> , 255-272	
1738	Colorectal Cancer Microenvironment: Among Nutrition, Gut Microbiota, Inflammation and Epigenetics. <b>2013</b> , 19, 765-778	28
1737	Peritoneal cavity regulatory B cells (B10 cells) modulate IFN- $\gamma$ CD4+ T cell numbers during colitis development in mice. <b>2013</b> , 191, 2780-2795	110
1736	Effects of antibiotics on bacterial species composition and metabolic activities in chemostats containing defined populations of human gut microorganisms. <b>2013</b> , 57, 2016-25	35
1735	Teleost skin, an ancient mucosal surface that elicits gut-like immune responses. <b>2013</b> , 110, 13097-102	316
1734	Modulation of post-antibiotic bacterial community reassembly and host response by <i>Candida albicans</i> . <b>2013</b> , 3, 2191	79
1733	Intestinal microbiota in functional bowel disorders: a Rome foundation report. <b>2013</b> , 62, 159-76	607
1732	A case for antibiotic perturbation of the microbiota leading to allergy development. <b>2013</b> , 9, 1019-30	20
1731	Factors that drive variation among gut microbial communities. <b>2013</b> , 4, 403-8	17
1730	Associations between antibiotic exposure during pregnancy, birth weight and aberrant methylation at imprinted genes among offspring. <b>2013</b> , 37, 907-13	94
1729	Bacterial colonization dampens influenza-mediated acute lung injury via induction of M2 alveolar macrophages. <b>2013</b> , 4, 2106	143

1728	Movers and shakers: influence of bacteriophages in shaping the mammalian gut microbiota. <b>2013</b> , 4, 4-16	158
1727	Guidance on the environmental risk assessment of genetically modified animals. <b>2013</b> , 11, 3200	39
1726	Immune modulation effect of porcine placenta extracts in weaned the pig. <b>2013</b> , 91, 2405-13	8
1725	The duodenal microbiota composition of adult celiac disease patients is associated with the clinical manifestation of the disease. <b>2013</b> , 19, 934-41	119
1724	Crosstalk between the intestinal microbiota and the innate immune system in intestinal homeostasis and inflammatory bowel disease. <b>2013</b> , 19, 2227-37	50
1723	Mucosal immunity and the onset of allergic disease. <b>2013</b> , 62, 279-89	4
1722	Denaturing gradient gel electrophoresis analysis of 16S ribosomal DNA to monitor changes in mouse gut bacterial communities during Salmonella enterica serovar Enteritidis latent infection. <b>2013</b> , 12, 2611-7	2
1721	Dectin-1 gene polymorphism is associated with susceptibility to nonspecific digestive disorders and cytokine expression in rabbits. <b>2013</b> , 91, 4051-9	1
1720	Probiotics and Prebiotics in Immune Modulation. <b>2013</b> , 357-370	1
1719	Possible association between obesity and Clostridium difficile infection. <b>2013</b> , 19, 1791-8	41
1718	Probiotics and Intestinal Microbiota: Implications in Colon Cancer Prevention. <b>2013</b> ,	5
1717	Effects of diet on gut microbiota profile and the implications for health and disease. <b>2013</b> , 32, 1-12	33
1716	Comparison of the distal gut microbiota from people and animals in Africa. <b>2013</b> , 8, e54783	52
1715	Loss of competition in the outside host environment generates outbreaks of environmental opportunist pathogens. <b>2013</b> , 8, e71621	16
1714	Impact of ileocecal resection and concomitant antibiotics on the microbiome of the murine jejunum and colon. <b>2013</b> , 8, e73140	43
1713	Extracellular vesicles derived from gut microbiota, especially Akkermansia muciniphila, protect the progression of dextran sulfate sodium-induced colitis. <b>2013</b> , 8, e76520	277
1712	Interaction with intestinal epithelial cells promotes an immunosuppressive phenotype in Lactobacillus casei. <b>2013</b> , 8, e78420	6
1711	The enterocyte-associated intestinal microbiota of breast-fed infants and adults responds differently to a TNF- $\beta$ -mediated pro-inflammatory stimulus. <b>2013</b> , 8, e81762	16

1710	Low levels of peripheral CD161++CD8+ mucosal associated invariant T (MAIT) cells are found in HIV and HIV/TB co-infection. <b>2013</b> , 8, e83474	76
1709	Causes, consequences, and perspectives in the variations of intestinal density of colonization of multidrug-resistant enterobacteria. <b>2013</b> , 4, 129	26
1708	The metabolic and ecological interactions of oxalate-degrading bacteria in the Mammalian gut. <b>2013</b> , 2, 636-52	47
1707	Neonatal immune adaptation of the gut and its role during infections. <b>2013</b> , 2013, 270301	55
1706	A review of the mechanism of injury and treatment approaches for illness resulting from exposure to water-damaged buildings, mold, and mycotoxins. <b>2013</b> , 2013, 767482	39
1705	Afecciones de Salud Mental y el Proceso de Retorno al Trabajo: Una Revisi <sup>o</sup> n Sistem <sup>at</sup> ica. <b>2013</b> , 15, 105-113	2
1704	The HOG pathway is critical for the colonization of the mouse gastrointestinal tract by <i>Candida albicans</i> . <b>2014</b> , 9, e87128	72
1703	Characterization of fecal microbiota across seven Chinese ethnic groups by quantitative polymerase chain reaction. <b>2014</b> , 9, e93631	31
1702	Early-life environmental variation affects intestinal microbiota and immune development in new-born piglets. <b>2014</b> , 9, e100040	109
1701	Human intestinal cells modulate conjugational transfer of multidrug resistance plasmids between clinical <i>Escherichia coli</i> isolates. <b>2014</b> , 9, e100739	16
1700	Modulatory effects of vasoactive intestinal peptide on intestinal mucosal immunity and microbial community of weaned piglets challenged by an enterotoxigenic <i>Escherichia coli</i> (K88). <b>2014</b> , 9, e104183	25
1699	Specific microbiome changes in a mouse model of parenteral nutrition associated liver injury and intestinal inflammation. <b>2014</b> , 9, e110396	51
1698	Fecal microbiota transplantation for gastrointestinal diseases. <b>2014</b> , 63, 69-74	17
1697	Investigation of sesamol on myeloperoxidase and colon morphology in acetic acid-induced inflammatory bowel disorder in albino rats. <b>2014</b> , 2014, 802701	6
1696	Epigenetics in T-cell Development and Function. <b>2014</b> , 5, 161-170	1
1695	Immunity-related genes in <i>Ixodes scapularis</i> --perspectives from genome information. <b>2014</b> , 4, 116	48
1694	Differential Susceptibility of Bacteria to Mouse Paneth Cell $\beta$ -Defensins under Anaerobic Conditions. <b>2014</b> , 3, 493-508	2
1693	From lifetime to evolution: timescales of human gut microbiota adaptation. <b>2014</b> , 5, 587	74

1692	Interplay between Intestinal Microbiota and Host Immune System. <b>2014</b> , 44, 1	9
1691	Current status and prospects of intestinal microbiome studies. <b>2014</b> , 12, 178-83	13
1690	Intestinal barrier: A gentlemen's agreement between microbiota and immunity. <b>2014</b> , 5, 18-32	72
1689	Microbiota regulation of inflammatory bowel disease. <b>2014</b> , 13, 65-73	4
1688	The Gut Microbiota of Fish. <b>2014</b> , 75-100	46
1687	Protective effect of glutamine on intestinal injury and bacterial community in rats exposed to hypobaric hypoxia environment. <b>2014</b> , 20, 4662-74	38
1686	Longitudinal analysis of inflammation and microbiota dynamics in a model of mild chronic dextran sulfate sodium-induced colitis in mice. <b>2014</b> , 20, 2051-61	48
1685	Nonalcoholic fatty liver disease and aging: epidemiology to management. <b>2014</b> , 20, 14185-204	158
1684	Gut microbiota disturbance during antibiotic therapy: a multi-omic approach. <b>2014</b> , 5, 64-70	66
1683	A commensal bacterial product elicits and modulates migratory capacity of CD39(+) CD4 T regulatory subsets in the suppression of neuroinflammation. <b>2014</b> , 5, 552-61	84
1682	T lymphocytes control microbial composition by regulating the abundance of Vibrio in the zebrafish gut. <b>2014</b> , 5, 737-47	26
1681	Induction of diabetes in the RIP-B7.1 mouse model is critically dependent on TLR3 and MyD88 pathways and is associated with alterations in the intestinal microbiome. <b>2014</b> , 63, 619-31	40
1680	The Potential Causality of the Microbiome and Infectious Pathogens in Primary Vasculitis. <b>2014</b> , 1, 73-80	0
1679	Commensal-pathogen interactions in the intestinal tract: lactobacilli promote infection with, and are promoted by, helminth parasites. <b>2014</b> , 5, 522-32	152
1678	Commensal bacteria directly suppress in vitro degranulation of mast cells in a MyD88-independent manner. <b>2014</b> , 78, 1669-76	15
1677	Microbiota meet big data. <b>2014</b> , 10, 605	6
1676	Gut microbes and adverse food reactions: Focus on gluten related disorders. <b>2014</b> , 5, 594-605	30
1675	Interactions between the intestinal microbiota and innate lymphoid cells. <b>2014</b> , 5, 129-40	19



1674	Holobiont-Holobiont interactions: redefining host-parasite interactions. <b>2014</b> , 10, e1004093	37
1673	Possible implication of bacterial infection in acute graft-versus-host disease after allogeneic hematopoietic stem cell transplantation. <b>2014</b> , 4, 89	14
1672	Chronic Inflammation: Synergistic Interactions of Recruiting Macrophages (TAMs) and Eosinophils (Eos) with Host Mast Cells (MCs) and Tumorigenesis in CALTs. M-CSF, Suitable Biomarker for Cancer Diagnosis!. <b>2014</b> , 6, 297-322	28
1671	Phenotypic diversity and emerging new tools to study macrophage activation in bacterial infectious diseases. <b>2014</b> , 5, 500	43
1670	Neuro-immune abnormalities in autism and their relationship with the environment: a variable insult model for autism. <b>2014</b> , 5, 29	21
1669	Pathobiology of salmonella, intestinal microbiota, and the host innate immune response. <b>2014</b> , 5, 252	37
1668	From Immunology to Eco-Immunology: More than a New Name. <b>2014</b> , 1-19	8
1667	Helminth colonization is associated with increased diversity of the gut microbiota. <b>2014</b> , 8, e2880	225
1666	Bifidobacteria-host interactions--an update on colonisation factors. <b>2014</b> , 2014, 960826	29
1665	NOD-like receptors in intestinal homeostasis and epithelial tissue repair. <b>2014</b> , 15, 9594-627	55
1664	Staphylococcus aureus Colonization: Modulation of Host Immune Response and Impact on Human Vaccine Design. <b>2014</b> , 4, 507	126
1663	The dopaminergic system in autoimmune diseases. <b>2014</b> , 5, 117	93
1662	Environmental disruption of host-microbe co-adaptation as a potential driving force in evolution. <b>2014</b> , 5, 168	28
1661	MicroRNAs and the regulation of intestinal homeostasis. <b>2014</b> , 5, 347	55
1660	Gut Microbiota in HIV Infection: Implication for Disease Progression and Management. <b>2014</b> , 2014, 803185	29
1659	Membrane protein profiling of human colon reveals distinct regional differences. <b>2014</b> , 13, 2277-87	26
1658	Modification of the gut microbiota to promote human health. <b>2014</b> , 15-34	
1657	Influences of the colonic microbiome on the mucous gel layer in ulcerative colitis. <b>2014</b> , 5, 277-85	24

1656	How enteric pathogens know they hit the sweet spot. <b>2014</b> , 9, 13-6	2
1655	Enterotoxicity of a nonribosomal peptide causes antibiotic-associated colitis. <b>2014</b> , 111, 13181-6	76
1654	Defining dysbiosis and its influence on host immunity and disease. <b>2014</b> , 16, 1024-33	481
1653	The role of the microbiome in immune cell development. <b>2014</b> , 113, 593-8	18
1652	Development of ileal cytokine and immunoglobulin expression levels in response to early feeding in broilers and layers. <b>2014</b> , 93, 3017-27	22
1651	Prevalence of <i>Clostridium perfringens</i> , <i>Clostridium perfringens</i> enterotoxin and dysbiosis in fecal samples of dogs with diarrhea. <b>2014</b> , 174, 463-473	61
1650	'Default' generated neonatal regulatory T cells are hypomethylated at conserved non-coding sequence 2 and promote long-term cardiac allograft survival. <b>2014</b> , 143, 618-30	7
1649	Eicosapentaenoic acid free fatty acid prevents and suppresses colonic neoplasia in colitis-associated colorectal cancer acting on Notch signaling and gut microbiota. <b>2014</b> , 135, 2004-13	64
1648	Galacto-oligosaccharides attenuate renal injury with microbiota modification. <b>2014</b> , 2, e12029	35
1647	Associations of FUT2 and FUT3 gene polymorphisms with Crohn's disease in Chinese patients. <b>2014</b> , 29, 1778-85	15
1646	Signal-transducing adaptor protein-2 regulates macrophage migration into inflammatory sites during dextran sodium sulfate induced colitis. <b>2014</b> , 44, 1791-801	7
1645	Cross-feeding by <i>Bifidobacterium breve</i> UCC2003 during co-cultivation with <i>Bifidobacterium bifidum</i> PRL2010 in a mucin-based medium. <b>2014</b> , 14, 282	122
1644	Intestinal colonization and programming of the intestinal immune response. <b>2014</b> , 48 Suppl 1, S8-11	31
1643	Lymphocyte depletion after alemtuzumab induction disrupts intestinal fungal microbiota in cynomolgus monkeys. <b>2014</b> , 98, 951-9	9
1642	The neonatal bowel microbiome in health and infection. <b>2014</b> , 27, 236-43	49
1641	The commensal bacterium <i>Faecalibacterium prausnitzii</i> is protective in DNBS-induced chronic moderate and severe colitis models. <b>2014</b> , 20, 417-30	139
1640	Clinical Insights: Probiotics, Prebiotics and Gut Health. <b>2014</b> ,	
1639	Mycobacteria, Immunoregulation, and Autoimmunity. <b>2014</b> , 1-26	

1638	Role of DUOX in gut inflammation: lessons from Drosophila model of gut-microbiota interactions. <b>2014</b> , 3, 116	100
1637	Inflammation and colorectal cancer, when microbiota-host mutualism breaks. <b>2014</b> , 20, 908-22	137
1636	Dysbiotic events in gut microbiota: impact on human health. <b>2014</b> , 6, 5786-805	119
1635	Ecology and metabolism of the beneficial intestinal commensal bacterium <i>Faecalibacterium prausnitzii</i> . <b>2014</b> , 5, 146-51	81
1634	Dietary squid ink polysaccharide could enhance SIgA secretion in chemotherapeutic mice. <b>2014</b> , 5, 3189-96	33
1633	The microbiota protects against ischemia/reperfusion-induced intestinal injury through nucleotide-binding oligomerization domain-containing protein 2 (NOD2) signaling. <b>2014</b> , 184, 2965-75	25
1632	A metabolomic perspective on coeliac disease. <b>2014</b> , 2014, 756138	19
1631	The role of environmental factors in modulating immune responses in early life. <b>2014</b> , 5, 434	95
1630	The Utilisation of Prebiotics and Synbiotics in Dogs. <b>2014</b> , 13, 3107	15
1629	Understanding host-adherent-invasive <i>Escherichia coli</i> interaction in Crohn's disease: opening up new therapeutic strategies. <b>2014</b> , 2014, 567929	44
1628	Screening of <i>Lactobacillus</i> spp. for the prevention of <i>Pseudomonas aeruginosa</i> pulmonary infections. <b>2014</b> , 14, 107	32
1627	Gene, environment, microbiome and mucosal immune tolerance in rheumatoid arthritis. <b>2016</b> , 55, 391-402	41
1626	Assessment of Beneficial Properties of <i>Enterococcus</i> Strains. <b>2014</b> , 38, 665-675	2
1625	Microbiota abnormalities in inflammatory airway diseases - Potential for therapy. <b>2014</b> , 141, 32-9	60
1624	Prevention of necrotizing enterocolitis in preterm very low birth weight infants: is it feasible?. <b>2014</b> , 113, 490-7	23
1623	Probiotics: a new way to fight bacterial pulmonary infections?. <b>2014</b> , 44, 9-17	36
1622	Does the change on gastrointestinal tract microbiome affects host?. <b>2014</b> , 18, 660-3	3
1621	Lactoferrin up-regulates intestinal gene expression of brain-derived neurotrophic factors BDNF, UCHL1 and alkaline phosphatase activity to alleviate early weaning diarrhea in postnatal piglets. <b>2014</b> , 25, 834-42	31

1620	Endotoxicity of lipopolysaccharide as a determinant of T-cell-mediated colitis induction in mice. <b>2014</b> , 146, 765-75	51
1619	Gut commensal bacteria and regional Wnt gene expression in the proximal versus distal colon. <b>2014</b> , 184, 592-9	25
1618	Probiotics, gut microbiota and health. <b>2014</b> , 44, 1-8	208
1617	Role of the enteric microbiota in intestinal homeostasis and inflammation. <b>2014</b> , 68, 122-33	109
1616	Diagnosis and classification of ulcerative colitis. <b>2014</b> , 13, 463-6	167
1615	Dextran sulfate sodium (DSS)-induced colitis in mice. <b>2014</b> , 104, 15.25.1-15.25.14	750
1614	Gut microbiota promote hematopoiesis to control bacterial infection. <b>2014</b> , 15, 374-81	370
1613	[Current view on gut microbiota]. <b>2014</b> , 72, 15-21	4
1612	Bacterial target-specific photocatalyst for the enhancement of antibacterial property to targets. <b>2014</b> , 148, 568-572	8
1611	Microbial enterotypes, inferred by the prevotella-to-bacteroides ratio, remained stable during a 6-month randomized controlled diet intervention with the new nordic diet. <b>2014</b> , 80, 1142-9	101
1610	Metagenomic analysis of the stool microbiome in patients receiving allogeneic stem cell transplantation: loss of diversity is associated with use of systemic antibiotics and more pronounced in gastrointestinal graft-versus-host disease. <b>2014</b> , 20, 640-5	336
1609	Fecal microbiomes of non-human primates in Western Uganda reveal species-specific communities largely resistant to habitat perturbation. <b>2014</b> , 76, 347-54	56
1608	The role of microbiome in central nervous system disorders. <b>2014</b> , 38, 1-12	465
1607	Relationship between gut microbiota and development of T cell associated disease. <b>2014</b> , 588, 4195-206	65
1606	Brain-gut microbiome interactions and functional bowel disorders. <b>2014</b> , 146, 1500-12	277
1605	Microbiome and Autoimmunity. <b>2014</b> , 329-340	
1604	The epigenetic regulator Uhrf1 facilitates the proliferation and maturation of colonic regulatory T cells. <b>2014</b> , 15, 571-9	125
1603	Oral probiotic VSL#3 attenuates the circulatory disturbances of patients with cirrhosis and ascites. <b>2014</b> , 34, 1504-12	52

1602	Exploring & exploiting our 'other self' - does the microbiota hold the key to the future therapy in Crohn's?. <b>2014</b> , 28, 399-409	10
1601	Impact of experimental hookworm infection on the human gut microbiota. <b>2014</b> , 210, 1431-4	100
1600	Effect of intestinal autochthonous probiotics isolated from the gut of sea cucumber ( <i>Apostichopus japonicus</i> ) on immune response and growth of <i>A. japonicus</i> . <b>2014</b> , 38, 367-73	39
1599	An altered intestinal mucosal microbiome in HIV-1 infection is associated with mucosal and systemic immune activation and endotoxemia. <b>2014</b> , 7, 983-94	301
1598	Mode of delivery and risk of childhood leukemia. <b>2014</b> , 23, 876-81	22
1597	Influence of diet on gut microbiota, inflammation and type 2 diabetes mellitus. First experience with macrobiotic Ma-Pi 2 diet. <b>2014</b> , 30 Suppl 1, 48-54	43
1596	Distinctive histopathology and modulation of cytokine production during oral and intraperitoneal <i>Trypanosoma cruzi</i> Y strain infection. <b>2014</b> , 141, 904-13	4
1595	Modulation of gut microbiota downregulates the development of food allergy in infancy. <b>2014</b> , 42, 69-77	19
1594	The marriage of nutrigenomics with the microbiome: the case of infant-associated bifidobacteria and milk. <b>2014</b> , 99, 697S-703S	33
1593	The balance of intestinal Foxp3+ regulatory T cells and Th17 cells and its biological significance. <b>2014</b> , 10, 353-62	19
1592	A potential role of probiotics in colorectal cancer prevention: review of possible mechanisms of action. <b>2014</b> , 30, 351-74	77
1591	The heart and the gut. <b>2014</b> , 35, 426-30	83
1590	Gut microbiome and metabolic diseases. <b>2014</b> , 36, 103-14	98
1589	Immunomicrobial pathogenesis of periodontitis: keystones, pathobionts, and host response. <b>2014</b> , 35, 3-11	535
1588	Interplay between DNA repair and inflammation, and the link to cancer. <b>2014</b> , 49, 116-39	95
1587	<i>Drosophila</i> as a model for intestinal dysbiosis and chronic inflammatory diseases. <b>2014</b> , 42, 102-10	44
1586	Increased proportions of Bifidobacterium and the Lactobacillus group and loss of butyrate-producing bacteria in inflammatory bowel disease. <b>2014</b> , 52, 398-406	242
1585	Maintenance of a healthy trajectory of the intestinal microbiome during aging: a dietary approach. <b>2014</b> , 136-137, 70-5	48

1584	The microbial metabolite butyrate regulates intestinal macrophage function via histone deacetylase inhibition. <b>2014</b> , 111, 2247-52	987
1583	Genomic overview and biological functions of exopolysaccharide biosynthesis in <i>Bifidobacterium</i> spp. <b>2014</b> , 80, 9-18	126
1582	Gut dysbiosis promotes M2 macrophage polarization and allergic airway inflammation via fungi-induced PGE <sub>2</sub> <b>2014</b> , 15, 95-102	218
1581	Specialized metabolites from the microbiome in health and disease. <b>2014</b> , 20, 719-730	337
1580	Gut microbe analysis between hyperthyroid and healthy individuals. <b>2014</b> , 69, 675-80	56
1579	Alterations in cecal microbiota of Jinhua piglets fostered by a Yorkshire sow. <b>2014</b> , 59, 4304-4311	8
1578	Primary biliary cirrhosis: Family, genes, and bugs. <b>2014</b> , 3, 69-73	5
1577	An enteric virus can replace the beneficial function of commensal bacteria. <b>2014</b> , 516, 94-8	347
1576	Faecal microbiota transplantation--the Austrian approach. <b>2014</b> , 20, 1106-11	15
1575	Microbiome diversity and asthma and allergy risk. <b>2014</b> , 14, 466	51
1574	Genetic variation in resistance and fecundity tolerance in a natural host-pathogen interaction. <b>2014</b> , 68, 2421-9	28
1573	Dietary squid ink polysaccharides ameliorated the intestinal microflora dysfunction in mice undergoing chemotherapy. <b>2014</b> , 5, 2529-35	28
1572	Microbiome in human immunodeficiency virus infection. <b>2014</b> , 34, 733-45	25
1571	An intestinal commensal symbiosis factor controls neuroinflammation via TLR2-mediated CD39 signalling. <b>2014</b> , 5, 4432	134
1570	The cellular community in the intestine of the shrimp <i>Penaeus penicillatus</i> and its culture environments. <b>2014</b> , 80, 1001-1007	38
1569	Diet, metabolites, and "western-lifestyle" inflammatory diseases. <b>2014</b> , 40, 833-42	546
1568	The pathogen <i>Batrachochytrium dendrobatidis</i> disturbs the frog skin microbiome during a natural epidemic and experimental infection. <b>2014</b> , 111, E5049-58	151
1567	Mucosal barrier injury, fever and infection in neutropenic patients with cancer: introducing the paradigm febrile mucositis. <b>2014</b> , 167, 441-52	77

1566	Dynamics of gut microbiota in autoimmune lupus. <b>2014</b> , 80, 7551-60	167
1565	Peptidoglycan recognition protein 3 and Nod2 synergistically protect mice from dextran sodium sulfate-induced colitis. <b>2014</b> , 193, 3055-69	23
1564	Early innate immunity to bacterial infection in the lung is regulated systemically by the commensal microbiota via nod-like receptor ligands. <b>2014</b> , 82, 4596-606	117
1563	Synthetic microbial consortia: from systematic analysis to construction and applications. <b>2014</b> , 43, 6954-81	128
1562	Interleukin-22 regulates the complement system to promote resistance against pathobionts after pathogen-induced intestinal damage. <b>2014</b> , 41, 620-32	100
1561	Microbiota, immunoregulatory old friends and psychiatric disorders. <b>2014</b> , 817, 319-56	74
1560	Serum metabolomics study of the acute graft rejection in human renal transplantation based on liquid chromatography-mass spectrometry. <b>2014</b> , 13, 2659-67	21
1559	Immune-directed support of rich microbial communities in the gut has ancient roots. <b>2014</b> , 47, 36-51	34
1558	A role for RUNX3 in inflammation-induced expression of IL23A in gastric epithelial cells. <b>2014</b> , 8, 50-8	22
1557	Vagal pathways for microbiome-brain-gut axis communication. <b>2014</b> , 817, 115-33	277
1556	HIV-1 envelope gp41 antibodies can originate from terminal ileum B cells that share cross-reactivity with commensal bacteria. <b>2014</b> , 16, 215-226	81
1555	Antiparasitic efficacy of a novel plant-based functional food using an <i>Ascaris suum</i> model in pigs. <b>2014</b> , 139, 15-22	13
1554	Metabolism of sialic acid by <i>Bifidobacterium breve</i> UCC2003. <b>2014</b> , 80, 4414-26	98
1553	A type VI secretion-related pathway in <i>Bacteroidetes</i> mediates interbacterial antagonism. <b>2014</b> , 16, 227-236	205
1552	<i>Bifidobacterium animalis</i> ssp. <i>lactis</i> BI07 modulates the tumor necrosis factor alpha-dependent imbalances of the enterocyte-associated intestinal microbiota fraction. <b>2014</b> , 357, 157-63	2
1551	Gastrointestinal microbiota-mediated control of enteric pathogens. <b>2014</b> , 48, 361-82	42
1550	Intestine-derived <i>Clostridium leptum</i> induces murine tolerogenic dendritic cells and regulatory T cells in vitro. <b>2014</b> , 75, 1232-8	13
1549	The cryptic role of biodiversity in the emergence of host-microbial mutualisms. <b>2014</b> , 17, 1437-46	15

1548	Effect of dietary prebiotic supplementation on advanced glycation, insulin resistance and inflammatory biomarkers in adults with pre-diabetes: a study protocol for a double-blind placebo-controlled randomised crossover clinical trial. <b>2014</b> , 14, 55	57
1547	Immunoglobulin A coating identifies colitogenic bacteria in inflammatory bowel disease. <b>2014</b> , 158, 1000-1010	715
1546	Impact of probiotics on risk factors for cardiovascular diseases. A review. <b>2014</b> , 54, 175-89	63
1545	Comparative diversity analysis of gut microbiota in two different human flora-associated mouse strains. <b>2014</b> , 69, 365-73	14
1544	The effects of the microbiota on the host immune system. <b>2014</b> , 47, 494-504	32
1543	Peptidoglycan recognition protein genes and risk of Parkinson's disease. <b>2014</b> , 29, 1171-80	37
1542	The development and function of mucosal lymphoid tissues: a balancing act with micro-organisms. <b>2014</b> , 7, 455-66	70
1541	The Impact of Next-Generation Sequencing Technology on Bacterial Genomics. <b>2014</b> , 31-58	2
1540	A Systems Theoretic Approach to Systems and Synthetic Biology II: Analysis and Design of Cellular Systems. <b>2014</b> ,	
1539	Microbial Endocrinology: The Microbiota-Gut-Brain Axis in Health and Disease. <b>2014</b> ,	40
1538	Antibiotic exposure in pregnancy and risk of coeliac disease in offspring: a cohort study. <b>2014</b> , 14, 75	27
1537	Diet, gut microbes, and genetics in immune function: can we leverage our current knowledge to achieve better outcomes in inflammatory bowel diseases?. <b>2014</b> , 31, 16-23	19
1536	Certain attributes of the sexual ecosystem of high-risk MSM have resulted in an altered microbiome with an enhanced propensity to generate and transmit antibiotic resistance. <b>2014</b> , 83, 196-202	15
1535	Phage therapy for Clostridium difficile infection: An alternative to antibiotics?. <b>2014</b> , 25, 167-170	6
1534	Microbiota modification with probiotics induces hepatic bile acid synthesis via downregulation of the Fxr-Fgf15 axis in mice. <b>2014</b> , 7, 12-8	211
1533	Lymphotoxin organizes contributions to host defense and metabolic illness from innate lymphoid cells. <b>2014</b> , 25, 227-33	10
1532	Effects of three strains of intestinal autochthonous bacteria and their extracellular products on the immune response and disease resistance of common carp, Cyprinus carpio. <b>2014</b> , 36, 9-18	77
1531	Shrinkage of the human core microbiome and a proposal for launching microbiome biobanks. <b>2014</b> , 9, 639-56	11



1530	Microbial 'old friends', immunoregulation and socioeconomic status. <b>2014</b> , 177, 1-12	135
1529	Gut microbiota and GLP-1. <b>2014</b> , 15, 189-96	146
1528	Hidden in plain sight: chlamydial gastrointestinal infection and its relevance to persistence in human genital infection. <b>2014</b> , 82, 1362-71	119
1527	Therapeutic potential of chloroquine in a murine model of inflammatory bowel disease. <b>2014</b> , 21, 328-35	20
1526	Staphylococcus warneri, a resident skin commensal of rainbow trout (Oncorhynchus mykiss) with pathobiont characteristics. <b>2014</b> , 169, 80-8	20
1525	Friendly pathogens: prevent or provoke autoimmunity. <b>2014</b> , 40, 273-80	9
1524	Bacteriophages: an underestimated role in human and animal health?. <b>2014</b> , 4, 39	116
1523	Bioactive Peptides from Casein and Whey Proteins. <b>2014</b> , 23-54	5
1522	Cellular Lipids and Inammation. <b>2014</b> , 51-64	
1521	Prebiotics, Faecal Transplants and Microbial Network Units to Stimulate Biodiversity of the Human Gut Microbiome. <b>2014</b> , 281-294	
1520	Gastrointestinal microbiota. <b>2014</b> , 41-47	
1519	Draft Genome Sequence of Lactobacillus casei Lbs2. <b>2014</b> , 2,	3
1518	Corrigendum to Control of host inflammatory responsiveness by indigenous microbiota reveals an adaptive component of the innate immune system [Microbes Infect 13 (2011) 1121B2] <b>2014</b> , 16, 974-975	
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1516	Probiotics: a proactive approach to health. A symposium report. <b>2015</b> , 114 Suppl 1, S1-15	35
1515	Early-Life Gut Microbial Composition. <b>2015</b> , 05, 041-050	7
1514	Neuroimmune diseases are increasing. Is there a possible vaccine link?. <b>2015</b> , 11, 201-209	
1513	Microbiome-Immune Interactions and Liver Disease. <b>2015</b> , 5, 83-85	1

1512	The influence of the young microbiome on inflammatory diseases--Lessons from animal studies. <b>2015</b> , 105, 278-95	18
1511	Integration of 'omics' data in aging research: from biomarkers to systems biology. <b>2015</b> , 14, 933-44	79
1510	Noncoding RNAs and chronic inflammation: Micro-managing the fire within. <b>2015</b> , 37, 1005-15	17
1509	Systematic review: microbial dysbiosis and nonalcoholic fatty liver disease. <b>2015</b> , 42, 1051-63	122
1508	Biofilm-associated bacterial amyloids dampen inflammation in the gut: oral treatment with curli fibres reduces the severity of hapten-induced colitis in mice. <b>2015</b> , 1,	33
1507	Pathogenesis of <i>Helicobacter pylori</i> in Humans. <b>2015</b> , 607-634	
1506	Role of Milk and Dairy Foods in Nutrition and Health. <b>2015</b> , 428-466	2
1505	Immunometabolism of obesity and diabetes: microbiota link compartmentalized immunity in the gut to metabolic tissue inflammation. <b>2015</b> , 129, 1083-96	63
1504	Cell surface Hydrophobicity Contributes to <i>Lactobacillus</i> Tolerance to Antibacterial Actions of Catechins. <b>2015</b> , 21, 583-588	6
1503	Studying the Mammalian Intestinal Microbiome Using Animal Models. <b>2015</b> , 4.4.2-1-4.4.2-10	1
1502	Fecal microbiota transplantation broadening its application beyond intestinal disorders. <b>2015</b> , 21, 102-11	142
1501	Pathogenic eukaryotes in gut microbiota of western lowland gorillas as revealed by molecular survey. <b>2014</b> , 4, 6417	14
1500	Reciprocal immune benefit based on complementary production of antibiotics by the leech <i>Hirudo verbana</i> and its gut symbiont <i>Aeromonas veronii</i> . <b>2015</b> , 5, 17498	25
1499	Spatial heterogeneity of gut microbiota reveals multiple bacterial communities with distinct characteristics. <b>2014</b> , 4, 6185	26
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1497	Circulating microbial RNA and health. <b>2015</b> , 5, 16814	11
1496	Pathophysiological role of host microbiota in the development of obesity. <b>2016</b> , 15, 43	69
1495	Safety and acceptability of <i>Lactobacillus reuteri</i> DSM 17938 and <i>Bifidobacterium longum</i> subspecies <i>infantis</i> 35624 in Bangladeshi infants: a phase I randomized clinical trial. <b>2016</b> , 16, 44	15

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1493	The Microbes inside Us and the Race for Colibactin. <b>2015</b> , 54, 10408-11	17
1492	Neonatal Gut Microbiota and Human Milk Glycans Cooperate to Attenuate Infection and Inflammation. <b>2015</b> , 58, 814-26	32
1491	Navigating the gluten-free boom. <b>2015</b> , 28,	21
1490	Surgical and medical treatment in patients with acute severe ulcerative colitis. <b>2015</b> , 16, 558-67	17
1489	Die Mikroben in uns und der Wettlauf um die Struktur und Biosynthese von Colibactin. <b>2015</b> , 127, 10550-10553	4
1488	Oral administration of <i>Lactobacillus casei</i> variety <i>rhamnosus</i> partially alleviates TMA-induced atopic dermatitis in mice through improving intestinal microbiota. <b>2015</b> , 119, 560-70	24
1487	MyD88 mediates the protective effects of probiotics against the arteriolar thrombosis and leukocyte recruitment associated with experimental colitis. <b>2015</b> , 21, 888-900	9
1486	Using corticosteroids to reshape the gut microbiome: implications for inflammatory bowel diseases. <b>2015</b> , 21, 963-72	97
1485	Commensal Microbiome Promotes Resistance to Local and Systemic Infections. <b>2015</b> , 128, 2250-5	13
1484	Berberine may rescue <i>Fusobacterium nucleatum</i> -induced colorectal tumorigenesis by modulating the tumor microenvironment. <b>2015</b> , 6, 32013-26	70
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1481	Probiotics and Allergic Diseases [Usefulness of Animal Models [From Strains Selection to Mechanistic Studies. <b>2015</b> ,	
1480	Anaerobic Infections: General Concepts. <b>2015</b> , 2736-2743.e1	2
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1476	The Gut Microbiota Reduces Colonization of the Mesenteric Lymph Nodes and IL-12-Independent IFN- $\gamma$ Production During Salmonella Infection. <b>2015</b> , 5, 93	12
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1470	Human microbiomes and their roles in dysbiosis, common diseases, and novel therapeutic approaches. <b>2015</b> , 6, 1050	178
1469	Regulation of lung immunity and host defense by the intestinal microbiota. <b>2015</b> , 6, 1085	194
1468	Behavioral Microbiomics: A Multi-Dimensional Approach to Microbial Influence on Behavior. <b>2015</b> , 6, 1359	39
1467	The hygiene hypothesis: current perspectives and future therapies. <b>2015</b> , 4, 143-57	96
1466	Deep sequencing and ecological characterization of gut microbial communities of diverse bumble bee species. <b>2015</b> , 10, e0118566	17
1465	Transcriptional modulation of intestinal innate defense/inflammation genes by preterm infant microbiota in a humanized gnotobiotic mouse model. <b>2015</b> , 10, e0124504	28
1464	Long-lasting effects of early-life antibiotic treatment and routine animal handling on gut microbiota composition and immune system in pigs. <b>2015</b> , 10, e0116523	71
1463	Oral Administration of <i>P. gingivalis</i> Induces Dysbiosis of Gut Microbiota and Impaired Barrier Function Leading to Dissemination of Enterobacteria to the Liver. <b>2015</b> , 10, e0134234	170
1462	Burn Injury Alters the Intestinal Microbiome and Increases Gut Permeability and Bacterial Translocation. <b>2015</b> , 10, e0129996	144
1461	Identification of Candidate Adherent-Invasive <i>E. coli</i> Signature Transcripts by Genomic/Transcriptomic Analysis. <b>2015</b> , 10, e0130902	17
1460	Surface-Associated Lipoproteins Link <i>Enterococcus faecalis</i> Virulence to Colitogenic Activity in IL-10-Deficient Mice Independent of Their Expression Levels. <b>2015</b> , 11, e1004911	37
1459	Individualized medicine and the microbiome in reproductive tract. <b>2015</b> , 6, 97	25

1458	An Introduction to the Avian Gut Microbiota and the Effects of Yeast-Based Prebiotic-Type Compounds as Potential Feed Additives. <b>2015</b> , 2, 28	71
1457	Modification of microflora imbalance: future directions for prevention and treatment of colorectal cancer?. <b>2015</b> , 62, 345-52	7
1456	Central role of gimap5 in maintaining peripheral tolerance and T cell homeostasis in the gut. <b>2015</b> , 2015, 436017	3
1455	Intestinal microbiota as modulators of the immune system and neuroimmune system: impact on the host health and homeostasis. <b>2015</b> , 2015, 931574	69
1454	T Lymphocyte Dynamics in Inflammatory Bowel Diseases: Role of the Microbiome. <b>2015</b> , 2015, 504638	31
1453	<i>Clostridium butyricum</i> combined with <i>Bifidobacterium infantis</i> probiotic mixture restores fecal microbiota and attenuates systemic inflammation in mice with antibiotic-associated diarrhea. <b>2015</b> , 2015, 582048	26
1452	Human microbiota-associated swine: current progress and future opportunities. <b>2015</b> , 56, 63-73	79
1451	Intestinal microbiota-related effects on graft-versus-host disease. <b>2015</b> , 101, 428-37	42
1450	Life Extension. <b>2015</b> ,	0
1449	Wild trees in the Amazon basin harbor a great diversity of beneficial endosymbiotic fungi: is this evidence of protective mutualism?. <b>2015</b> , 17, 18-29	29
1448	Gene-environment interactions in inflammatory bowel disease pathogenesis. <b>2015</b> , 31, 277-82	33
1447	Host microbiota constantly control maturation and function of microglia in the CNS. <b>2015</b> , 18, 965-77	1511
1446	Molecular Analysis of Inflammatory Bowel Disease: Clinically Useful Tools for Diagnosis, Response Prediction, and Monitoring of Targeted Therapy. <b>2015</b> , 19, 141-58	7
1445	Gut Microbiota and Intestinal Adaptive Immunity. <b>2015</b> , 849-858	
1444	The demographic determinants of human microbiome health. <b>2015</b> , 23, 134-41	16
1443	Gut microbiota of humans, dogs and cats: current knowledge and future opportunities and challenges. <b>2015</b> , 113 Suppl, S6-17	95
1442	Gut/brain axis and the microbiota. <b>2015</b> , 125, 926-38	729
1441	The gut microbiota and Type 1 Diabetes. <b>2015</b> , 159, 143-53	108

1440	Cross-fostering immediately after birth induces a permanent microbiota shift that is shaped by the nursing mother. <b>2015</b> , 3, 17	49
1439	The human microbiome in hematopoiesis and hematologic disorders. <b>2015</b> , 126, 311-8	52
1438	Intestinal microbiota and its relationship with necrotizing enterocolitis. <b>2015</b> , 78, 232-8	90
1437	Beneficial Microorganisms in Medical and Health Applications. <b>2015</b> ,	5
1436	Beneficial Microorganisms in Food and Nutraceuticals. <b>2015</b> ,	9
1435	Curcumin half analog modulates interleukin-6 and tumor necrosis factor-alpha in inflammatory bowel disease. <b>2015</b> , 11, S296-302	8
1434	Microenvironment Matters: Unique Conditions Within Gut-Draining Lymph Nodes Favor Efficient De Novo Induction of Regulatory T Cells. <b>2015</b> , 136, 35-56	4
1433	Development and Function of Effector Regulatory T Cells. <b>2015</b> , 136, 155-74	25
1432	Antibiotic-Driven Dysbiosis Mediates Intraluminal Agglutination and Alternative Segregation of <i>Enterococcus faecium</i> from the Intestinal Epithelium. <b>2015</b> , 6, e01346-15	42
1431	Intestinal intraepithelial lymphocyte activation promotes innate antiviral resistance. <b>2015</b> , 6, 7090	44
1430	Summary of the 2014 Alcohol and Immunology Research Interest Group (AIRIG) meeting. <b>2015</b> , 49, 767-72	2
1429	Evolution of the immune system in humans from infancy to old age. <b>2015</b> , 282, 20143085	709
1428	The human microbiome, asthma, and allergy. <b>2015</b> , 11, 35	76
1427	Understanding Microbiome Data: A Primer for Clinicians. <b>2015</b> , 33 Suppl 1, 11-16	18
1426	The Role of Integrated Omics in Elucidating the Gut Microbiota Health Potentials. <b>2015</b> , 73-100	2
1425	Contentious host-microbiota relationship in inflammatory bowel disease--can foes become friends again?. <b>2015</b> , 50, 34-42	25
1424	Human gut Bacteroidetes can utilize yeast mannan through a selfish mechanism. <b>2015</b> , 517, 165-169	307
1423	Gut microbiota. Antimicrobial peptide resistance mediates resilience of prominent gut commensals during inflammation. <b>2015</b> , 347, 170-5	240

1422	Diet strongly influences the gut microbiota of surgeonfishes. <b>2015</b> , 24, 656-72	114
1421	<i>Lactobacillus plantarum</i> CECT 7315/7316 intake modulates the acute and chronic innate inflammatory response. <b>2015</b> , 54, 1161-71	18
1420	TIR-domain-containing adapter-inducing interferon- $\gamma$ (TRIF) regulates Th17-mediated intestinal immunopathology in colitis. <b>2015</b> , 8, 296-306	10
1419	Spondyloarthritis and the microbiome: new insights from an ancient hypothesis. <b>2015</b> , 17, 10	12
1418	Human and tuberculosis co-evolution: An integrative view. <b>2015</b> , 95 Suppl 1, S112-6	12
1417	Behçet's syndrome patients exhibit specific microbiome signature. <b>2015</b> , 14, 269-76	153
1416	Culture and molecular-based profiles show shifts in bacterial communities of the upper respiratory tract that occur with age. <b>2015</b> , 9, 1246-59	98
1415	Expanding the role of the virome: commensalism in the gut. <b>2015</b> , 89, 1951-3	54
1414	Exploring connections among nature, biodiversity, ecosystem services, and human health and well-being: Opportunities to enhance health and biodiversity conservation. <b>2015</b> , 12, 1-15	535
1413	Cholera-toxin suppresses carcinogenesis in a mouse model of inflammation-driven sporadic colon cancer. <b>2015</b> , 36, 280-90	25
1412	Epidemiology. Opposite effects of anthelmintic treatment on microbial infection at individual versus population scales. <b>2015</b> , 347, 175-7	108
1411	Intestinal dysbiosis: an emerging cause of pregnancy complications?. <b>2015</b> , 84, 223-6	29
1410	Growth and host interaction of mouse segmented filamentous bacteria in vitro. <b>2015</b> , 520, 99-103	105
1409	Low prevalence of <i>Blastocystis</i> sp. in active ulcerative colitis patients. <b>2015</b> , 34, 1039-44	37
1408	Childhood acute lymphoblastic leukaemia and indicators of early immune stimulation: the Estelle study (SFCE). <b>2015</b> , 112, 1017-26	32
1407	The Emerging Field of Nutritional Mental Health: Inflammation, the Microbiome, Oxidative Stress, and Mitochondrial Function. <b>2015</b> , 3, 964-980	78
1406	Mucosal microbiome in patients with recurrent aphthous stomatitis. <b>2015</b> , 94, 87S-94S	45
1405	Larval exposure to polychlorinated biphenyl 126 (PCB-126) causes persistent alteration of the amphibian gut microbiota. <b>2015</b> , 34, 1113-8	34

1404	Obesity and the microbiome. <b>2015</b> , 9, 1087-99	86
1403	MyD88 Adaptor-Dependent Microbial Sensing by Regulatory T Cells Promotes Mucosal Tolerance and Enforces Commensalism. <b>2015</b> , 43, 289-303	100
1402	Lean rats gained more body weight from a high-fructooligosaccharide diet. <b>2015</b> , 6, 2315-21	14
1401	Microbiome influences on allergy in mice and humans. <b>2015</b> , 36, 94-100	39
1400	Gut permeability, its interaction with gut microflora and effects on metabolic health are mediated by the lymphatics system, liver and bile acid. <b>2015</b> , 10, 1339-53	31
1399	Metagenomic surveys of gut microbiota. <b>2015</b> , 13, 148-58	57
1398	Microbiology and ecology are vitally important to premedical curricula. <b>2015</b> , 2015, 179-92	4
1397	Modulation of the intestinal microbiota and morphology of tilapia, <i>Oreochromis niloticus</i> , following the application of a multi-species probiotic. <b>2015</b> , 99, 8403-17	94
1396	Risk factors for 30-day mortality in patients with pneumonia who receive appropriate initial antibiotics: an observational cohort study. <b>2015</b> , 15, 1055-1065	49
1395	Reciprocal regulation of lymphoid tissue development in the large intestine by IL-25 and IL-23. <b>2015</b> , 8, 582-95	28
1394	The Probiotic Mixture VSL#3 Has Differential Effects on Intestinal Immune Parameters in Healthy Female BALB/c and C57BL/6 Mice. <b>2015</b> , 145, 1354-61	21
1393	Genetic relations between natural antibodies binding keyhole limpet hemocyanin and production traits in a purebred layer chicken line. <b>2015</b> , 94, 875-82	19
1392	Burkholderia gut symbionts enhance the innate immunity of host <i>Riptortus pedestris</i> . <b>2015</b> , 53, 265-9	37
1391	Anti-tumour Necrosis Factor Treatment with Adalimumab Induces Changes in the Microbiota of Crohn's Disease. <b>2015</b> , 9, 899-906	50
1390	Parallels Between Mammals and Flies in Inflammatory Bowel Disease. <b>2015</b> , 151-189	1
1389	Alterations in the Vaginal Microbiome by Maternal Stress Are Associated With Metabolic Reprogramming of the Offspring Gut and Brain. <b>2015</b> , 156, 3265-76	216
1388	Metatranscriptomic analyses of honey bee colonies. <b>2015</b> , 6, 100	21
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