The Crohn's disease-associated adherent-invasive Esch
mature phagolysosomes within J774 macrophages

Cellular Microbiology

8, 471-484

DOI: 10.1111/j.1462-5822.2005.00639.x

Citation Report

#	Article	IF	Citations
1	Bacteria in the pathogenesis of inflammatory bowel disease. Current Opinion in Infectious Diseases, 2006, 19, 475-484.	1.3	66
2	Pathogenesis of gastrinomas associated with multiple endocrine neoplasia type 1. Gut, 2007, 56, 606-607.	6.1	14
3	The Oxidoreductase DsbA Plays a Key Role in the Ability of the Crohn's Disease-Associated Adherent-Invasive Escherichia coli Strain LF82 To Resist Macrophage Killing. Journal of Bacteriology, 2007, 189, 4860-4871.	1.0	81
4	The role of Escherichia coli in inflammatory bowel disease. Gut, 2007, 56, 610-612.	6.1	113
5	Gut microbes, the innate immune system and inflammatory bowel disease: location, location, location. Current Opinion in Gastroenterology, 2007, 23, 1-3.	1.0	10
6	Adherent-invasive Escherichia coli and CrohnÊ¼s disease. Current Opinion in Gastroenterology, 2007, 23, 16-20.	1.0	126
7	Gut Microbiota: Mining for Therapeutic Potential. Clinical Gastroenterology and Hepatology, 2007, 5, 274-284.	2.4	116
8	CEACAM6 acts as a receptor for adherent-invasive E. coli, supporting ileal mucosa colonization in Crohn disease. Journal of Clinical Investigation, 2007, 117, 1566-1574.	3.9	490
9	Microbial Mannan Inhibits Bacterial Killing by Macrophages: A Possible Pathogenic Mechanism for Crohnâ€™s Disease. Gastroenterology, 2007, 133, 1487-1498.	0.6	75
10	Up-Regulation of Intestinal Vascular Endothelial Growth Factor by Afa/Dr Diffusely Adhering Escherichia coli. PLoS ONE, 2007, 2, e1359.	1.1	30
11	Role of bacteria in the etiopathogenesis of inflammatory bowel disease. World Journal of Gastroenterology, 2007, 13, 5571.	1.4	64
12	Adherent-invasive Escherichia coli in inflammatory bowel disease. Inflammatory Bowel Diseases, 2007, 13, 1277-1283.	0.9	218
13	Adherent-invasive Escherichia coli isolated from Crohn's disease patients induce granulomas in vitro. Cellular Microbiology, 2007, 9, 1252-1261.	1.1	115
14	A subset of mucosa-associated Escherichia coli isolates from patients with colon cancer, but not Crohn's disease, share pathogenicity islands with urinary pathogenic E. coli. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	
15	Pathogenic Escherichia coli in inflammatory bowel diseases. Journal of Crohn's and Colitis, 2008, 2, 255-262.	0.6	9
16	Host-bacteria interaction in inflammatory bowel disease. British Medical Bulletin, 2008, 88, 95-113.	2.7	38
17	Evidence for the involvement of infectious agents in the pathogenesis of Crohnâ€™s disease. World Journal of Gastroenterology, 2008, 14, 845.	1.4	80
18	Replication of Colonic Crohn's Disease Mucosal Escherichia coli Isolates within Macrophages and Their Susceptibility to Antibiotics. Antimicrobial Agents and Chemotherapy, 2008, 52, 427-434.	1.4	92

#	Article	IF	Citations
19	Pathogenic agents in inflammatory bowel diseases. Current Opinion in Gastroenterology, 2008, 24, 440-447.	1.0	42
20	Adherent-invasive Escherichia coli, strain LF82 disrupts apical junctional complexes in polarized epithelia. BMC Microbiology, 2009, 9, 180.	1.3	69
21	Dominant genotypes in mucosa-associated Escherichia coli strains from pediatric patients with inflammatory bowel disease. Inflammatory Bowel Diseases, 2009, 15, 661-672.	0.9	38
22	The Multifaceted Influence of the Mucosal Microflora on Mucosal Dendritic Cell Responses. Immunity, 2009, 31, 377-388.	6.6	80
23	Role of gut microbiota in Crohnâ€™s disease. Expert Review of Gastroenterology and Hepatology, 2009, 3, 535-546.	1.4	57
24	Rab7: roles in membrane trafficking and disease. Bioscience Reports, 2009, 29, 193-209.	1.1	127
25	Proteomic Analyses of a Variety of Intracellular Bacterial Species Infecting Different Host Cell Lines. Current Proteomics, 2010, 7, 222-232.	0.1	7
26	The Role of Bacteria in the Pathogenesis of Inflammatory Bowel Disease. Gut and Liver, 2010, 4, 295-306.	1.4	86
27	Bacterial induction of proinflammatory cytokines in inflammatory bowel disease. Inflammatory Bowel Diseases, 2010, 16, 2173-2179.	0.9	27
28	Immunopathogenesis of inflammatory bowel disease. Self/nonself, 2010, 1, 299-309.	2.0	177
29	A role for Campylobacter jejuni-induced enteritis in inflammatory bowel disease?. American Journal of Physiology - Renal Physiology, 2010, 298, G1-G9.	1.6	73
30	Adherent-invasiveEscherichia colitarget the epithelial barrier. Gut Microbes, 2010, 1, 80-84.	4.3	22
31	Influences of Intestinal Bacteria in Human Inflammatory Bowel Disease. Infectious Disease Clinics of North America, 2010, 24, 977-993.	1.9	34
32	Combined azithromycin and metronidazole therapy is effective in inducing remission in pediatric Crohn's disease. Journal of Crohn's and Colitis, 2011, 5, 222-226.	0.6	37
33	Granulomatous Colitis of Boxer Dogs. Veterinary Clinics of North America - Small Animal Practice, 2011, 41, 433-445.	0.5	51
34	Clinical Immunology and Immunopathology of the Canine and Feline Intestine. Veterinary Clinics of North America - Small Animal Practice, 2011, 41, 345-360.	0.5	49
35	Quantification of specific E. coli in gut mucosa from Crohn's disease patients. Journal of Microbiological Methods, 2011, 86, 111-114.	0.7	8
36	The Commensal Microbiota and Enteropathogens in the Pathogenesis of Inflammatory Bowel Diseases. Gastroenterology, 2011, 140, 1720-1728.e3.	0.6	390

#	Article	IF	Citations
37	Interactions with M Cells and Macrophages as Key Steps in the Pathogenesis of Enterohemorragic Escherichia coli Infections. PLoS ONE, 2011, 6, e23594.	1.1	51
38	Crohn disease: A current perspective on genetics, autophagy and immunity. Autophagy, 2011, 7, 355-374.	4.3	94
39	Replication of Crohn's disease-associated AIEC within macrophages is dependent on TNF-Î± secretion. Laboratory Investigation, 2012, 92, 411-419.	1.7	61
40	Microevolution in fimH Gene of Mucosa-Associated Escherichia coli Strains Isolated from Pediatric Patients with Inflammatory Bowel Disease. Infection and Immunity, 2012, 80, 1408-1417.	1.0	49
41	Interactions Between Intestinal Microbiota and Innate Immune System in Pediatric Inflammatory Bowel Disease. Journal of Clinical Gastroenterology, 2012, 46, S64-S66.	1.1	30
42	Class IA Phosphatidylinositol 3-Kinase p110Î± Regulates Phagosome Maturation. PLoS ONE, 2012, 7, e43668.	1.1	20
43	Inflammatory bowel disease in veterinary medicine. Frontiers in Bioscience - Elite, 2012, E4, 1404-1419.	0.9	100
44	Hostâ€“pathogen checkpoints and population bottlenecks in persistent and intracellular uropathogenicEscherichia colibladder infection. FEMS Microbiology Reviews, 2012, 36, 616-648.	3.9	296
45	Blastocystis: past pitfalls and future perspectives. Trends in Parasitology, 2012, 28, 327-334.	1.5	89
46	Defects in autophagy favour adherent-invasive Escherichia coli persistence within macrophages leading to increased pro-inflammatory response. Cellular Microbiology, 2012, 14, 791-807.	1.1	172
47	E.Âcoli-mediated gut inflammation in genetically predisposed Crohn's disease patients. Pathologie Et Biologie, 2013, 61, e65-e69.	2.2	29
48	Hybrid and potentially pathogenic Escherichia coli strains. , 2013, , 331-359.		0
49	Pathogenesis of adherentâ€“invasive Escherichia coli. Future Microbiology, 2013, 8, 1289-1300.	1.0	23
50	Large Intestine. , 2013, , 729-777.		1
51	Escherichia coli in chronic inflammatory bowel diseases: An update on adherent invasive Escherichia coli pathogenicity. World Journal of Gastrointestinal Pathophysiology, 2014, 5, 213.	0.5	171
52	Effector triggered manipulation of host immune response elicited by different pathotypes ofEscherichia coli. Virulence, 2014, 5, 733-739.	1.8	15
53	Adherent-invasive Escherichia coli (AIEC) in pediatric Crohnâ€™s disease patients: phenotypic and genetic pathogenic features. BMC Research Notes, 2014, 7, 748.	0.6	77
54	HIF1A regulates xenophagic degradation of adherent and invasiveEscherichia coli(AIEC). Autophagy, 2014, 10, 2333-2345.	4.3	32

#	Article	IF	Citations
55	CrohnÊ¼s Diseaseâ€“associated Escherichia coli Survive in Macrophages by Suppressing NFÎºB Signaling. Inflammatory Bowel Diseases, 2014, 20, 1419-1425.	0.9	12
56	Early life establishment of site-specific microbial communities in the gut. Gut Microbes, 2014, 5, 192-201.	4.3	55
57	Understanding Host-Adherent-InvasiveEscherichia coliInteraction in Crohnâ€™s Disease: Opening Up New Therapeutic Strategies. BioMed Research International, 2014, 2014, 1-16.	0.9	51
58	Relationship between gut microbiota and development of T cell associated disease. FEBS Letters, 2014, 588, 4195-4206.	1.3	84
59	Opportunistic Pathogens in Infl ammatory Bowel Disease, and the Relation with Specifi c Gene Susceptibilities. , 2014, , 204-228.		0
60	PTU-064â€...Increased Mucosal Expression Of Insoluble Keratins 8, 18 And 19 In Long-standing Ulcerative Colitis In Comparison To Recent-onset Ulcerative Colitis: Validation Of Mass Spectrometry Data. Gut, 2014, 63, A66.2-A67.	6.1	1
61	PTU-062â€...Crohnâ€™s Disease-associated Escherichia Coli Can Tolerate Low Nutrient, Low Ph And High Chemical Stress Environments Encountered Within The Phagolysosome Of Mucosal Macrophages. Gut, 2014, 63, A65.2-A66.	6.1	0
62	Killing of Escherichia coli by CrohnÊ¼s Disease Monocyte-derived Macrophages and Its Enhancement by Hydroxychloroquine and Vitamin D. Inflammatory Bowel Diseases, 2015, 21, 1499-1510.	0.9	19
63	Pathogenesis of Crohn's disease. F1000prime Reports, 2015, 7, 44.	5.9	73
64	Activity of Species-specific Antibiotics Against CrohnÊ¼s Diseaseâ€“Associated Adherent-invasive Escherichia coli. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	24
65	Influenza A Virus Infection of Intestinal Epithelial Cells Enhances the Adhesion Ability of Crohnâ€™s Disease Associated Escherichia coli Strains. PLoS ONE, 2015, 10, e0117005.	1.1	11
66	Monocyte-derived Macrophages from Crohn's Disease Patients Are Impaired in the Ability to Control Intracellular Adherent-Invasive Escherichia coli and Exhibit Disordered Cytokine Secretion Profile. Journal of Crohn's and Colitis, 2015, 9, 410-420.	0.6	45
67	Development of Heptylmannoside-Based Glycoconjugate Antiadhesive Compounds against Adherent-Invasive Escherichia coli Bacteria Associated with Crohn's Disease. MBio, 2015, 6, e01298-15.	1.8	56
68	Intracellular colon cancer-associated Escherichia coli promote protumoral activities of human macrophages by inducing sustained COX-2 expression. Laboratory Investigation, 2015, 95, 296-307.	1.7	70
69	SILAC-based comparative analysis of pathogenic Escherichia coli secretomes. Journal of Microbiological Methods, 2015, 116, 66-79.	0.7	15
70	Professor Arlette Darfeuille-Michaud: The Discovery of Adherent-invasive Escherichia coli. Journal of Crohn's and Colitis, 2015, 9, 373-375.	0.6	1
71	Genome-based Definition of an Inflammatory Bowel Disease-associated Adherent-Invasive Escherichia coli Pathovar. Inflammatory Bowel Diseases, 2016, 22, 1-12.	0.9	54
72	Macrophages Versus Escherichia coli. Inflammatory Bowel Diseases, 2016, 22, 2943-2955.	0.9	10

#	Article	IF	Citations
73	Homeostasis vs. Dysbiosis: Role of Commensal Escherichia coli in Disease. , 2016, , 281-299.		2
74	PWE-001â€…Transcutaneous Cervical Vagal Nerve Stimulation Exerts an anti-TNF-Alpha Effect in Healthy Humans: Abstract PWE-001 Table 1. Gut, 2016, 65, A137.2-A138.	6.1	0
75	PWE-003â€…Ileostomy Formation as A Result of Surgical Management for Crohnâ€™s Disease: A Qualitative Study. Gut, 2016, 65, A138.2-A138.	6.1	0
76	PWE-002â€…Crohnâ€™s Disease Mucosa-Associated E. Coli Show Better Tolerance of A Superoxidative Stress Environment, that Mimics Conditions Inside Macrophage Phagolysosomes. Gut, 2016, 65, A138.1-A138.	6.1	0
77	GipA Factor Supports Colonization of PeyerÊ¼s Patches by CrohnÊ¼s Disease-associated Escherichia Coli. Inflammatory Bowel Diseases, 2016, 22, 68-81.	0.9	41
78	Exosomes Released from Cells Infected with CrohnÊ¼s Diseaseâ€“associated Adherent-Invasive Escherichia coli Activate Host Innate Immune Responses and Enhance Bacterial Intracellular Replication. Inflammatory Bowel Diseases, 2016, 22, 516-528.	0.9	29
79	NOD2 induces autophagy to control AIEC bacteria infectiveness in intestinal epithelial cells. Inflammation Research, 2016, 65, 803-813.	1.6	37
80	Subcompartmentalized Nanoreactors as Artificial Organelle with Intracellular Activity. Small, 2016, 12, 1806-1814.	5.2	44
81	Escherichia coli: an old friend with new tidings. FEMS Microbiology Reviews, 2016, 40, 437-463.	3.9	225
82	Pathogenic Role of Associated Adherentâ€Invasive Escherichia coli in Crohn's Disease. Journal of Cellular Physiology, 2017, 232, 2860-2868.	2.0	40
83	Model system based proteomics to understand the host response during bacterial infections. Molecular BioSystems, 2017, 13, 2489-2497.	2.9	2
84	Commensal-to-pathogen transition: One-single transposon insertion results in two pathoadaptive traits in Escherichia coli -macrophage interaction. Scientific Reports, 2017, 7, 4504.	1.6	51
85	Mechanisms of Intestinal Epithelial Barrier Dysfunction byÂAdherent-Invasive Escherichia coli. Cellular and Molecular Gastroenterology and Hepatology, 2017, 3, 41-50.	2.3	87
86	Current State of Knowledge on Implications of Gut Microbiome for Surgical Conditions. Journal of Gastrointestinal Surgery, 2018, 22, 1112-1123.	0.9	8
87	The effects of mucosal media on some pathogenic traits of Crohn's disease-associated Escherichia coli LF82. Future Microbiology, 2018, 13, 141-149.	1.0	5
88	Adherent-invasive Escherichia coli in inflammatory bowel disease. Gut, 2018, 67, 574-587.	6.1	366
89	Replication of Crohnâ€™s Disease Mucosal E. coli Isolates inside Macrophages Correlates with Resistance to Superoxide and Is Dependent on Macrophage NF-kappa B Activation. Pathogens, 2019, 8, 74.	1.2	5
90	Macrophages Inability to Mediate Adherent-Invasive E. coli Replication is Linked to Autophagy in Crohnâ€™s Disease Patients. Cells, 2019, 8, 1394.	1.8	17

#	Article	IF	Citations
91	The Crohnâ€™s disease-associated Escherichia coli strain LF82 relies on SOS and stringent responses to survive, multiply and tolerate antibiotics within macrophages. PLoS Pathogens, 2019, 15, e1008123.	2.1	44
92	Genetic and Phenotypic Features to Screen for Putative Adherent-Invasive Escherichia coli. Frontiers in Microbiology, 2019, 10, 108.	1.5	23
93	Bacterial imbalance and gut pathologies: Association and contribution of E. coli in inflammatory bowel disease. Critical Reviews in Clinical Laboratory Sciences, 2019, 56, 1-17.	2.7	33
94	Emergent Behavior of IBD-AssociatedEscherichia coliDuring Disease. Inflammatory Bowel Diseases, 2019, 25, 33-44.	0.9	13
95	Azithromycin and metronidazole versus metronidazole-based therapy for the induction of remission in mild to moderate paediatric Crohnâ€™s disease : a randomised controlled trial. Gut, 2019, 68, 239-247.	6.1	27
96	Adherentâ€invasive Escherichia coli (AIEC): Cause or consequence of inflammation, dysbiosis, and rupture of cellular joints in patients with IBD?. Journal of Cellular Physiology, 2020, 235, 5041-5049.	2.0	23
97	Randomized Trial of Ciprofloxacin Doxycycline and Hydroxychloroquine Versus Budesonide in Active Crohnâ€™s Disease. Digestive Diseases and Sciences, 2021, 66, 2700-2711.	1.1	10
98	Expression Profile of Multidrug Resistance Efflux Pumps During Intracellular Life of Adherent-Invasive Escherichia coli Strain LF82. Frontiers in Microbiology, 2020, 11, 1935.	1.5	14
99	Propionate Induces Virulent Properties of Crohnâ€™s Disease-Associated Escherichia coli. Frontiers in Microbiology, 2020, 11, 1460.	1.5	12
100	Adaptations of Escherichia coli strains to oxidative stress are reflected in properties of their structural proteomes. BMC Bioinformatics, 2020, 21, 162.	1.2	5
101	The microbiome in inflammatory bowel diseases: from pathogenesis to therapy. Protein and Cell, 2021, 12, 331-345.	4.8	133
102	Location is important: differentiation between ileal and colonic Crohnâ€™s disease. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 544-558.	8.2	63
103	The Crohnâ€™s disease-related bacterial strain LF82 assembles biofilm-like communities to protect itself from phagolysosomal attack. Communications Biology, 2021, 4, 627.	2.0	21
104	Heteropolysaccharides from S. cerevisiae show anti-adhesive properties against E. coli associated with Crohn's disease. Carbohydrate Polymers, 2021, 271, 118415.	5.1	8
105	Glycolysis and pyrimidine biosynthesis are required for replication of adherentâ€“invasive Escherichia coli in macrophages. Microbiology (United Kingdom), 2016, 162, 954-965.	0.7	3
106	A Role for the RNA Chaperone Hfq in Controlling Adherent-Invasive Escherichia coli Colonization and Virulence. PLoS ONE, 2011, 6, e16387.	1.1	47
107	Increased S-Nitrosylation and Proteasomal Degradation of Caspase-3 during Infection Contribute to the Persistence of Adherent Invasive Escherichia coli (AIEC) in Immune Cells. PLoS ONE, 2013, 8, e68386.	1.1	26
108	Small Heat-Shock Proteins, IbpAB, Protect Non-Pathogenic Escherichia coli from Killing by Macrophage-Derived Reactive Oxygen Species. PLoS ONE, 2015, 10, e0120249.	1.1	11

#	Article	IF	Citations
109	Potential role of chitinases and chitin-binding proteins in host-microbial interactions during the development of intestinal inflammation. Histology and Histopathology, 2011, 26, 1453-64.	0.5	60
110	Inflammatory bowel disease in veterinary medicine. Frontiers in Bioscience - Elite, 2012, E4, 1404.	0.9	66
111	Enteric bacterial proteases in inflammatory bowel disease- pathophysiology and clinical implications. World Journal of Gastroenterology, 2013, 19, 7531.	1.4	61
112	Escherichia coli-host macrophage interactions in the pathogenesis of inflammatory bowel disease. World Journal of Gastroenterology, 2014, 20, 8751-63.	1.4	23
114	<i>Escherichia coli</i> Population-Based Study in Pediatric Crohnâ€™s Disease. Advances in Microbiology, 2014, 04, 886-889.	0.3	1
115	Importance of Bacteria as Trigger in Inflammatory Bowel Disease. , 2012, 01, .		0
119	The search for an infectious cause of Crohnâ€™s disease. , 0, , 71-78.		0
120	Dual role of microbiota-derived short-chain fatty acids on host and pathogen. Biomedicine and Pharmacotherapy, 2022, 145, 112352.	2.5	70
121	Idiosyncratic Biogenesis of Intracellular Pathogens-Containing Vacuoles. Frontiers in Cellular and Infection Microbiology, 2021, 11, 722433.	1.8	15
122	Contribution of the Gut Microbiota to Intestinal Fibrosis in Crohn's Disease. Frontiers in Medicine, 2022, 9, 826240.	1.2	4
123	Gut Homeostasis; Microbial Cross Talks in Health and Disease Management. Current Research in Nutrition and Food Science, 2021, 9, 1017-1045.	0.3	0
130	An adult zebrafish model for adherent-invasive Escherichia coli indicates protection from AIEC infection by probiotic E.Âcoli Nissle. IScience, 2022, 25, 104572.	1.9	7