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**Biofilm formation as a novel phenotypic feature of adherent-invasive Escherichia coli (AIEC)**

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#	Paper	IF	Citations
85	Targeted delivery of a photosensitizer to <i>Aggregatibacter actinomycetemcomitans</i> biofilm. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2010</b> , 54, 2489-96	5.9	26
84	Adherent-invasive <i>Escherichia coli</i> target the epithelial barrier. <i>Gut Microbes</i> , <b>2010</b> , 1, 80-84	8.8	17
83	Influences of intestinal bacteria in human inflammatory bowel disease. <i>Infectious Disease Clinics of North America</i> , <b>2010</b> , 24, 977-93, ix	6.5	26
82	Combined azithromycin and metronidazole therapy is effective in inducing remission in pediatric Crohn's disease. <i>Journal of Crohn's and Colitis</i> , <b>2011</b> , 5, 222-6	1.5	32
81	Comparative genomics of <i>Escherichia coli</i> isolated from patients with inflammatory bowel disease. <i>BMC Genomics</i> , <b>2011</b> , 12, 316	4.5	33
80	Effects of <i>ibeA</i> deletion on virulence and biofilm formation of avian pathogenic <i>Escherichia coli</i> . <i>Infection and Immunity</i> , <b>2011</b> , 79, 279-87	3.7	62
79	Combinatorial small-molecule therapy prevents uropathogenic <i>Escherichia coli</i> catheter-associated urinary tract infections in mice. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2012</b> , 56, 4738-45	5.9	80
78	Effect of Bacteriocins and Conditions that Mimic Food and Digestive Tract on Biofilm Formation, In Vitro Invasion of Eukaryotic Cells and Internalin Gene Expression by <i>Listeria monocytogenes</i> . <i>Probiotics and Antimicrobial Proteins</i> , <b>2013</b> , 5, 153-64	5.5	11
77	Probiotic-mediated competition, exclusion and displacement in biofilm formation by food-borne pathogens. <i>Letters in Applied Microbiology</i> , <b>2013</b> , 56, 307-13	2.9	69
76	Lactoferrin and necrotizing enterocolitis. <i>Clinics in Perinatology</i> , <b>2013</b> , 40, 79-91	2.8	35
75	Influence of glucose concentrations on biofilm formation, motility, exoprotease production, and quorum sensing in <i>Aeromonas hydrophila</i> . <i>Journal of Food Protection</i> , <b>2013</b> , 76, 239-47	2.5	71
74	In vitro assessment of the susceptibility of planktonic and attached cells of foodborne pathogens to bacteriophage p22-mediated salmonella lysates. <i>Journal of Food Protection</i> , <b>2013</b> , 76, 2057-62	2.5	9
73	The $\beta$ pathway is involved in biofilm formation by Crohn's disease-associated adherent-invasive <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 76-84	3.5	21
72	Microbial biofilms and gastrointestinal diseases. <i>Pathogens and Disease</i> , <b>2013</b> , 67, 25-38	4.2	50
71	Infectious etiopathogenesis of Crohn's disease. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 12102-17	5.6	28
70	<i>Escherichia coli</i> in chronic inflammatory bowel diseases: An update on adherent invasive <i>Escherichia coli</i> pathogenicity. <i>World Journal of Gastrointestinal Pathophysiology</i> , <b>2014</b> , 5, 213-27	3.2	120
69	Potentially pathogenic <i>Escherichia coli</i> can form a biofilm under conditions relevant to the food production chain. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 2042-9	4.8	33

68	Extraintestinal pathogenic <i>Escherichia coli</i> (ExPEC) of human and avian origin belonging to sequence type complex 95 (STC95) portray indistinguishable virulence features. <i>International Journal of Medical Microbiology</i> , <b>2014</b> , 304, 835-42	3.7	43
67	Lactonase-expressing <i>Lactobacillus plantarum</i> NC8 attenuates the virulence factors of multiple drug resistant <i>Pseudomonas aeruginosa</i> in co-culturing environment. <i>World Journal of Microbiology and Biotechnology</i> , <b>2014</b> , 30, 2241-9	4.4	8
66	Activity of Species-specific Antibiotics Against Crohn's Disease-Associated Adherent-invasive <i>Escherichia coli</i> . <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 2372-82	4.5	19
65	Surface-Associated Lipoproteins Link <i>Enterococcus faecalis</i> Virulence to Colitogenic Activity in IL-10-Deficient Mice Independent of Their Expression Levels. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004911	7.6	37
64	Analysis of the <b>E</b> regulon in Crohn's disease-associated <i>Escherichia coli</i> revealed involvement of the waaWVL operon in biofilm formation. <i>Journal of Bacteriology</i> , <b>2015</b> , 197, 1451-65	3.5	15
63	<i>Escherichia coli</i> from Crohn's disease patient displays virulence features of enteroinvasive (EIEC), enterohemorrhagic (EHEC), and enteroaggregative (EAEC) pathotypes. <i>Gut Pathogens</i> , <b>2015</b> , 7, 2	5.4	15
62	<i>Escherichia coli</i> O8-antigen enhances biofilm formation under agitated conditions. <i>FEMS Microbiology Letters</i> , <b>2015</b> , 362, fnv112	2.9	7
61	Professor Arlette Darfeuille-Michaud: the discovery of adherent-invasive <i>Escherichia coli</i> . <i>Journal of Crohn's and Colitis</i> , <b>2015</b> , 9, 373-5	1.5	1
60	Adherent-Invasive <i>Escherichia coli</i> Production of Cellulose Influences Iron-Induced Bacterial Aggregation, Phagocytosis, and Induction of Colitis. <i>Infection and Immunity</i> , <b>2015</b> , 83, 4068-80	3.7	33
59	Genetic Analysis and Detection of fliC H1 and fliC H12 Genes Coding for Serologically Closely Related Flagellar Antigens in Human and Animal Pathogenic <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 135	5.7	4
58	Carriage of Extended-Spectrum Beta-Lactamase-Plasmids Does Not Reduce Fitness but Enhances Virulence in Some Strains of Pandemic <i>E. coli</i> Lineages. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 336	5.7	61
57	The Adherent/Invasive <i>Escherichia coli</i> Strain LF82 Invades and Persists in Human Prostate Cell Line RWPE-1, Activating a Strong Inflammatory Response. <i>Infection and Immunity</i> , <b>2016</b> , 84, 3105-3113	3.7	18
56	Variability in biofilm formation correlates with hydrophobicity and quorum sensing among <i>Vibrio parahaemolyticus</i> isolates from food contact surfaces and the distribution of the genes involved in biofilm formation. <i>Biofouling</i> , <b>2016</b> , 32, 497-509	3.3	61
55	<i>Escherichia coli</i> : an old friend with new tidings. <i>FEMS Microbiology Reviews</i> , <b>2016</b> , 40, 437-463	15.1	132
54	Interactions of Intestinal Bacteria with Components of the Intestinal Mucus. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 387	5.9	189
53	Poultry hatcheries as potential reservoirs for antimicrobial-resistant <i>Escherichia coli</i> : A risk to public health and food safety. <i>Scientific Reports</i> , <b>2018</b> , 8, 5859	4.9	45
52	Comparative genomics reveals new single-nucleotide polymorphisms that can assist in identification of adherent-invasive <i>Escherichia coli</i> . <i>Scientific Reports</i> , <b>2018</b> , 8, 2695	4.9	23
51	The effects of mucosal media on some pathogenic traits of Crohn's disease-associated <i>Escherichia coli</i> LF82. <i>Future Microbiology</i> , <b>2018</b> , 13, 141-149	2.9	3

50	Cell free preparations of probiotics exerted antibacterial and antibiofilm activities against multidrug resistant. <i>Saudi Pharmaceutical Journal</i> , <b>2018</b> , 26, 603-607	4.4	35
49	Adherent-invasive in inflammatory bowel disease. <i>Gut</i> , <b>2018</b> , 67, 574-587	19.2	204
48	Adherent/invasive Escherichia coli (AIEC) isolates from asymptomatic people: new E. coli ST131 O25:H4/H30-Rx virotypes. <i>Annals of Clinical Microbiology and Antimicrobials</i> , <b>2018</b> , 17, 42	6.2	9
47	Molecular analysis, biofilm formation, and susceptibility of methicillin-resistant Staphylococcus aureus strains causing community- and health care-associated infections in central venous catheters. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , <b>2018</b> , 51, 603-609	1.5	13
46	-Acetyl-glucosamine influences the biofilm formation of. <i>Gut Pathogens</i> , <b>2018</b> , 10, 26	5.4	21
45	Bile Salt-induced Biofilm Formation in Enteric Pathogens: Techniques for Identification and Quantification. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	6
44	Nanotechnological approaches to colon-specific drug delivery for modulating the quorum sensing of gut-associated pathogens. <b>2018</b> , 325-377		
43	Diverse Profiles of Biofilm and Adhesion Genes in Staphylococcus Aureus Food Strains Isolated from Sushi and Sashimi. <i>Journal of Food Science</i> , <b>2018</b> , 83, 2337-2342	3.4	14
42	Treatment-Specific Composition of the Gut Microbiota Is Associated With Disease Remission in a Pediatric Crohn's Disease Cohort. <i>Inflammatory Bowel Diseases</i> , <b>2019</b> , 25, 1927-1938	4.5	11
41	Association Between Kinetics of Early Biofilm Formation and Clonal Lineage in. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1183	5.7	14
40	Lactobacillus strains inhibit biofilm formation of Salmonella sp. isolates from poultry. <i>Food Research International</i> , <b>2019</b> , 123, 258-265	7	20
39	The Unique Lifestyle of Crohn's Disease-Associated Adherent-Invasive Escherichia coli. <i>Journal of Molecular Biology</i> , <b>2019</b> , 431, 2970-2981	6.5	13
38	Effects of a Novel Probiotic Combination on Pathogenic Bacterial-Fungal Polymicrobial Biofilms. <i>MBio</i> , <b>2019</b> , 10,	7.8	27
37	Methanol extract of Lonicera caerulea var. emphyllocalyx fruit has anti-motility and anti-biofilm activity against enteropathogenic Escherichia coli. <i>Drug Discoveries and Therapeutics</i> , <b>2019</b> , 13, 335-342	5	3
36	Emergent Behavior of IBD-Associated Escherichia coli During Disease. <i>Inflammatory Bowel Diseases</i> , <b>2019</b> , 25, 33-44	4.5	6
35	Azithromycin and metronidazole versus metronidazole-based therapy for the induction of remission in mild to moderate paediatric Crohn's disease : a randomised controlled trial. <i>Gut</i> , <b>2019</b> , 68, 239-247	19.2	20
34	Data on quantitation of biofilms by microtiter plate biofilm formation assay. <i>Data in Brief</i> , <b>2020</b> , 28, 104951	1	1
33	Genotype-phenotype correlation of $\beta$ -lactamase-producing uropathogenic Escherichia coli (UPEC) strains from Bangladesh. <i>Scientific Reports</i> , <b>2020</b> , 10, 14549	4.9	5

32	Microbial Metabolites, Postbiotics, and Intestinal Epithelial Function. <i>Molecular Nutrition and Food Research</i> , <b>2021</b> , 65, e2000188	5.9	14
31	The Role of OmpR in Bile Tolerance and Pathogenesis of Adherent-Invasive. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 684473	5.7	4
30	Complete genome sequence and virulence characterization of a neonatal meningitis Escherichia coli isolate. <i>Microbial Pathogenesis</i> , <b>2021</b> , 160, 105199	3.8	
29	Gastrointestinal biofilms in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , <b>2021</b> , 18, 314-334	24.2	42
28	Noninvasive in vivo optical coherence tomography tracking of chronic otitis media in pediatric subjects after surgical intervention. <i>Journal of Biomedical Optics</i> , <b>2017</b> , 22, 1-11	3.5	28
27	Crohn's disease-associated adherent-invasive Escherichia coli adhesion is enhanced by exposure to the ubiquitous dietary polysaccharide maltodextrin. <i>PLoS ONE</i> , <b>2012</b> , 7, e52132	3.7	94
26	Enteric bacterial proteases in inflammatory bowel disease- pathophysiology and clinical implications. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 7531-43	5.6	48
25	Evaluation of pap and sfa Genes Relative Frequency P and S Fimbriae Encoding of Uropathogenic Escherichia coli Isolated from Hospitals and Medical Laboratories; Yasuj City, Southwest Iran. <i>Iranian Red Crescent Medical Journal</i> , <b>2019</b> , 21,	1.3	2
24	Adherent-invasive Escherichia coli Biofilm Formation Assays. <i>Bio-protocol</i> , <b>2013</b> , 3,	0.9	
23	Treatment-Specific Composition of Gut Microbiota Is Associated with Disease Remission in a Pediatric Crohn's Disease Cohort.		1
22	A conserved protein, BcmA, mediates motility, biofilm formation, and host colonisation in Adherent Invasive Escherichia coli.		
21	Reduction of Bacillus cereus Biofilms on Stainless Steel Surfaces by Pestalotiopsis sp. Culture Crude Extract.		
20	Enzymatic quorum quenching increases antibiotic susceptibility of multidrug resistant Pseudomonas aeruginosa. <i>Iranian Journal of Microbiology</i> , <b>2011</b> , 3, 1-12	0.9	28
19	Intestinal bacterial biofilms modulate mucosal immune responses. <b>2018</b> , 2, 13-18		5
18	Optical Discrimination of Different Strains of Escherichia Coli Using Graphene Based Plasmonic Nano Structure. <i>SSRN Electronic Journal</i> ,	1	
17	A SAFETY, PHARMACOKINETIC AND PHARMACODYNAMIC STUDY OF SIBOFIMLOC, A NOVEL FIMH BLOCKER IN PATIENTS WITH ACTIVE CROHN'S DISEASE.. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2022</b> ,	4	1
16	Data_Sheet_1.PDF. <b>2019</b> ,		
15	Dysbiosis in the Gut Microbiota in Patients with Inflammatory Bowel Disease during Remission.. <i>Microbiology Spectrum</i> , <b>2022</b> , e0061622	8.9	2

14	Microenvironmental Factors that Shape Bacterial Metabolites in Inflammatory Bowel Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 12,	5.9	○
13	A high-throughput integrated biofilm-on-a-chip platform for the investigation of combinatory physicochemical responses to chemical and fluid shear stress. <b>2022</b> , 17, e0272294		○
12	Phylogrouping and characterization of <i>Escherichia coli</i> isolated from colonic biopsies and fecal samples of patients with flare of inflammatory bowel disease in Iran. 9,		○
11	Siderophore Immunization Restricted Colonization of Adherent-Invasive <i>Escherichia coli</i> and Ameliorated Experimental Colitis.		1
10	Inflammatory bowel disease-associated adherent-invasive <i>Escherichia coli</i> have elevated host-defense peptide resistance. <b>2022</b> , 369,		○
9	One-year supplementation with <i>Lactobacillus reuteri</i> ATCC PTA 6475 counteracts a degradation of gut microbiota in older women with low bone mineral density. <b>2022</b> , 8,		○
8	Biofilms and Benign Colonic Diseases. <b>2022</b> , 23, 14259		1
7	A Novel Probiotic Combination Ameliorates Crohn's Disease-Like Ileitis by Increasing Short-Chain Fatty Acid Production and Modulating Essential Adaptive Immune Pathways.		○
6	Modulating the Microbiome for Crohn's Disease Treatment. <b>2023</b> ,		○
5	The <i>E. coli</i> pathobiont LF82 encodes a unique variant of $\lambda$ 0 that results in specific gene expression changes and altered phenotypes.		○
4	Adherent-invasive <i>Escherichia coli</i> associated with granulomatous colitis and extraintestinal dissemination in a Sphynx cat. 030098582311622		○
3	Battle royale: Immune response on biofilms [host-pathogen interactions]. <b>2023</b> , 4, 100057		○
2	Crosstalk between microbial biofilms in the gastrointestinal tract and chronic mucosa diseases. 14,		○
1	<i>Escherichia coli</i> from biopsies differ in virulence genes between patients with colorectal neoplasia and healthy controls. 14,		○