

Eileen M Barry

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,793
citations

361413

20
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

1701
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical trials of Shigella vaccines: two steps forward and one step back on a long, hard road. <i>Nature Reviews Microbiology</i> , 2007, 5, 540-553.	28.6	303
2	Shigella Isolates From the Global Enteric Multicenter Study Inform Vaccine Development. <i>Clinical Infectious Diseases</i> , 2014, 59, 933-941.	5.8	297
3	Progress and pitfalls in Shigella vaccine research. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 245-255.	17.8	117
4	Deletion in the Shigella Enterotoxin Genes Further Attenuates Shigella flexneri 2a Bearing Guanine Auxotrophy in a Phase 1 Trial of CVD 1204 and CVD 1208. <i>Journal of Infectious Diseases</i> , 2004, 190, 1745-1754.	4.0	86
5	Safety and Immunogenicity of CVD 1208S, a Live, Oral <i>guaBA</i> Δ <i>sen</i> Δ <i>set</i> Shigella flexneri 2a Vaccine Grown on Animal-Free Media. <i>Hum Vaccin</i> , 2007, 3, 268-275.	2.4	72
6	Evaluating Shigella flexneri Pathogenesis in the Human Enteroid Model. <i>Infection and Immunity</i> , 2019, 87, .	2.2	71
7	Genomic diversity of EPEC associated with clinical presentations of differing severity. <i>Nature Microbiology</i> , 2016, 1, 15014.	13.3	66
8	Analysis of Shigella flexneri Resistance, Biofilm Formation, and Transcriptional Profile in Response to Bile Salts. <i>Infection and Immunity</i> , 2017, 85, .	2.2	65
9	Immune responses elicited against multiple enterotoxigenic Escherichia coli fimbriae and mutant LT expressed in attenuated Shigella vaccine strains. <i>Vaccine</i> , 2003, 21, 333-340.	3.8	58
10	Characterization of rationally attenuated Francisella tularensis vaccine strains that harbor deletions in the guaA and guaB genes. <i>Vaccine</i> , 2009, 27, 2426-2436.	3.8	40
11	Vaccines against Tularemia. <i>Hum Vaccin</i> , 2009, 5, 832-838.	2.4	33
12	Live Attenuated Mutants of Francisella tularensis Protect Rabbits against Aerosol Challenge with a Virulent Type A Strain. <i>Infection and Immunity</i> , 2014, 82, 2098-2105.	2.2	32
13	Differential Growth of Francisella tularensis, Which Alters Expression of Virulence Factors, Dominant Antigens, and Surface-Carbohydrate Synthases, Governs the Apparent Virulence of Ft SchuS4 to Immunized Animals. <i>Frontiers in Microbiology</i> , 2017, 8, 1158.	3.5	32
14	Genetic Characterization and Immunogenicity of Coli Surface Antigen 4 from Enterotoxigenic Escherichia coli when It Is Expressed in a Shigella Live-Vector Strain. <i>Infection and Immunity</i> , 2003, 71, 1352-1360.	2.2	28
15	Formulation and Stabilization of Francisella tularensis Live Vaccine Strain. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3076-3087.	3.3	28
16	Live Attenuated Shigella dysenteriae Type 1 Vaccine Strains Overexpressing Shiga Toxin B Subunit. <i>Infection and Immunity</i> , 2011, 79, 4912-4922.	2.2	28
17	Vaccines Against Shigella and Enterotoxigenic Escherichia coli: A summary of the 2018 VASE Conference. <i>Vaccine</i> , 2019, 37, 4768-4774.	3.8	28
18	A Novel <i>Shigella</i> Proteome Microarray Discriminates Targets of Human Antibody Reactivity following Oral Vaccination and Experimental Challenge. <i>MSphere</i> , 2018, 3, .	2.9	27

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19	Tick extracellular vesicles enable arthropod feeding and promote distinct outcomes of bacterial infection. <i>Nature Communications</i> , 2021, 12, 3696.	12.8	27
20	Research in a time of enteroids and organoids: how the human gut model has transformed the study of enteric bacterial pathogens. <i>Gut Microbes</i> , 2020, 12, 1795389.	9.8	26
21	Genome and Functional Characterization of Colonization Factor Antigen I- and CS6-Encoding Heat-Stable Enterotoxin-Only Enterotoxigenic <i>Escherichia coli</i> Reveals Lineage and Geographic Variation. <i>MSystems</i> , 2019, 4, .	3.8	25
22	Anti-CfaE nanobodies provide broad cross-protection against major pathogenic enterotoxigenic <i>Escherichia coli</i> strains, with implications for vaccine design. <i>Scientific Reports</i> , 2021, 11, 2751.	3.3	23
23	Pathogenomic analyses of <i>Shigella</i> isolates inform factors limiting shigellosis prevention and control across LMICs. <i>Nature Microbiology</i> , 2022, 7, 251-261.	13.3	23
24	Gut-Homing Conventional Plasmablasts and CD27 ⁺ CD137 ⁺ Plasmablasts Elicited after a Short Time of Exposure to an Oral Live-Attenuated <i>Shigella</i> Vaccine Candidate in Humans. <i>Frontiers in Immunology</i> , 2014, 5, 374.	4.8	21
25	Bioactive Immune Components of Anti-Diarrheagenic Enterotoxigenic <i>Escherichia coli</i> Hyperimmune Bovine Colostrum Products. <i>Vaccine Journal</i> , 2017, 24, .	3.1	21
26	A roadmap for enterotoxigenic <i>Escherichia coli</i> vaccine development based on volunteer challenge studies. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1357-1378.	3.3	20
27	A bivalent vaccine confers immunogenicity and protection against <i>Shigella flexneri</i> and enterotoxigenic <i>Escherichia coli</i> infections in mice. <i>Npj Vaccines</i> , 2020, 5, 30.	6.0	20
28	Identification and Characterization of Human Monoclonal Antibodies for Immunoprophylaxis against Enterotoxigenic <i>Escherichia coli</i> Infection. <i>Infection and Immunity</i> , 2018, 86, .	2.2	18
29	A tale of two bacterial enteropathogens and one multivalent vaccine. <i>Cellular Microbiology</i> , 2019, 21, e13067.	2.1	16
30	Characterization of <i>Francisella tularensis</i> Schu S4 defined mutants as live-attenuated vaccine candidates. <i>Pathogens and Disease</i> , 2015, 73, ftv036.	2.0	15
31	Characterization of a multicomponent live, attenuated <i>Shigella flexneri</i> vaccine. <i>Pathogens and Disease</i> , 2016, 74, ftw034.	2.0	15
32	A new human challenge model for testing heat-stable toxin-based vaccine candidates for enterotoxigenic <i>Escherichia coli</i> diarrhea: dose optimization, clinical outcomes, and CD4 ⁺ T cell responses. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007823.	3.0	15
33	Biochemical and Immunological Evaluation of Recombinant CS6-Derived Subunit Enterotoxigenic <i>Escherichia coli</i> Vaccine Candidates. <i>Infection and Immunity</i> , 2019, 87, .	2.2	15
34	The synthesis of OspD3 (ShET2) in <i>Shigella flexneri</i> is independent of OspC1. <i>Gut Microbes</i> , 2016, 7, 486-502.	9.8	14
35	Monophosphoryl Lipid A Enhances Efficacy of a <i>Francisella tularensis</i> LVS-Cationic Nanoparticle Subunit Vaccine against <i>F. tularensis</i> Schu S4 Challenge by Augmenting both Humoral and Cellular Immunity. <i>Vaccine Journal</i> , 2017, 24, .	3.1	11
36	Experimental Infection of Human Volunteers with the Heat-Stable Enterotoxin-Producing Enterotoxigenic <i>Escherichia coli</i> Strain TW11681. <i>Pathogens</i> , 2019, 8, 84.	2.8	11

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37	Aerosol prime-boost vaccination provides strong protection in outbred rabbits against virulent type A <i>Francisella tularensis</i> . <i>PLoS ONE</i> , 2018, 13, e0205928.	2.5	10
38	Characterization of Schu S4 <i>aroA</i> mutants as live attenuated tularemia vaccine candidates. <i>Virulence</i> , 2020, 11, 283-294.	4.4	7
39	Deletion of the Major Facilitator Superfamily Transporter <i>fptB</i> Alters Host Cell Interactions and Attenuates Virulence of Type A <i>Francisella tularensis</i> . <i>Infection and Immunity</i> , 2018, 86, .	2.2	6
40	Evaluation of a Live Attenuated <i>S. sonnei</i> Vaccine Strain in the Human Enteroid Model. <i>Pathogens</i> , 2021, 10, 1079.	2.8	5
41	The O-Ag Antibody Response to <i>Francisella</i> Is Distinct in Rodents and Higher Animals and Can Serve as a Correlate of Protection. <i>Pathogens</i> , 2021, 10, 1646.	2.8	5
42	Simple method for purification of enterotoxigenic <i>Escherichia coli</i> fimbriae. <i>Protein Expression and Purification</i> , 2016, 119, 130-135.	1.3	4
43	Identification of an Attenuated Substrain of <i>Francisella tularensis</i> SCHU S4 by Phenotypic and Genotypic Analyses. <i>Pathogens</i> , 2021, 10, 638.	2.8	2
44	Deletion Mutants of <i>Francisella</i> Phagosomal Transporters <i>FptA</i> and <i>FptF</i> Are Highly Attenuated for Virulence and Are Protective Against Lethal Intranasal <i>Francisella</i> LVS Challenge in a Murine Model of Respiratory Tularemia. <i>Pathogens</i> , 2021, 10, 799.	2.8	2
45	Sequence variations in the ETEC CS6 operon affect transcript and protein expression. <i>Virulence</i> , 2021, 12, 2659-2669.	4.4	2
46	Live Attenuated Vectors: Have they Delivered?. , 0, , 72-86.		0