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Transgenic *Anopheles stephensi* coexpressing single-chain antibodies resist *Plasmodium falciparum* development

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#	Paper	IF	Citations
107	Development of a population suppression strain of the human malaria vector mosquito, <i>Anopheles stephensi</i> . 2013 , 12, 142		36
106	From bacteria to human: a journey into the world of chitinases. 2013 , 31, 1786-95		144
105	Reduction of malaria transmission by transgenic mosquitoes expressing an antiparasite antibody in their salivary glands. 2013 , 22, 41-51		27
104	Overexpression of phosphatase and tensin homolog improves fitness and decreases <i>Plasmodium falciparum</i> development in <i>Anopheles stephensi</i> . 2013 , 15, 775-87		35
103	Insect-derived chitinases. 2013 , 136, 19-50		23
102	Genetic control of <i>Aedes</i> mosquitoes. 2013 , 107, 170-9		103
101	Killer bee molecules: antimicrobial peptides as effector molecules to target sporogonic stages of <i>Plasmodium</i> . 2013 , 9, e1003790		36
100	Artificial activation of mature unfertilized eggs in the malaria vector mosquito, <i>Anopheles stephensi</i> (Diptera, Culicidae). 2013 , 216, 2960-6		5
99	Exogenous gypsy insulator sequences modulate transgene expression in the malaria vector mosquito, <i>Anopheles stephensi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7176-81	11.5	18
98	Next-generation site-directed transgenesis in the malaria vector mosquito <i>Anopheles gambiae</i> : self-docking strains expressing germline-specific phiC31 integrase. 2013 , 8, e59264		28
97	Transgenic mosquitoes expressing a phospholipase A(2) gene have a fitness advantage when fed <i>Plasmodium falciparum</i> -infected blood. 2013 , 8, e76097		10
96	Transgenic Mosquitoes for Malaria Control: From the Bench to the Public Opinion Survey. 2013 ,		
95	Transgenic <i>Anopheles gambiae</i> expressing an antimalarial peptide suffer no significant fitness cost. 2014 , 9, e88625		6
94	Concerning RNA-guided gene drives for the alteration of wild populations. 2014 , 3,		525
93	Engineering the control of mosquito-borne infectious diseases. 2014 , 15, 535		46
92	Genome analysis of a major urban malaria vector mosquito, <i>Anopheles stephensi</i> . 2014 , 15, 459		80
91	Heritable strategies for controlling insect vectors of disease. 2014 , 369, 20130432		159

90	Knockdown of mitogen-activated protein kinase (MAPK) signalling in the midgut of <i>Anopheles stephensi</i> mosquitoes using antisense morpholinos. 2014 , 23, 558-65		9
89	Two step male release strategy using transgenic mosquito lines to control transmission of vector-borne diseases. 2014 , 132 Suppl, S170-7		28
88	Ethical issues in field trials of genetically modified disease-resistant mosquitoes. 2014 , 14, 37-46		66
87	Efficient Φ 31 integrase-mediated site-specific germline transformation of <i>Anopheles gambiae</i> . 2014 , 9, 1698-712		25
86	Dynamics of a combined Medea-underdominant population transformation system. 2014 , 14, 98		18
85	Vectorial capacity and genetic diversity of <i>Anopheles annularis</i> (Diptera: Culicidae) mosquitoes in Odisha, India from 2009 to 2011. 2014 , 137, 130-9		1
84	Towards mosquito sterile insect technique programmes: exploring genetic, molecular, mechanical and behavioural methods of sex separation in mosquitoes. 2014 , 132 Suppl, S178-87		76
83	Increased Akt signaling in the mosquito fat body increases adult survivorship. 2015 , 29, 1404-13		21
82	Mating competitiveness and life-table comparisons between transgenic and Indian wild-type <i>Aedes aegypti</i> L. 2015 , 71, 957-65		18
81	Fighting Arbovirus Transmission: Natural and Engineered Control of Vector Competence in <i>Aedes</i> Mosquitoes. 2015 , 6, 236-78		51
80	Silencing of end-joining repair for efficient site-specific gene insertion after TALEN/CRISPR mutagenesis in <i>Aedes aegypti</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4038-43	11.5	114
79	Circumsporozoite protein as a potential target for antimalarials. 2015 , 13, 923-6		1
78	Paratransgenesis: a promising new strategy for mosquito vector control. 2015 , 8, 342		101
77	Highly efficient Cas9-mediated gene drive for population modification of the malaria vector mosquito <i>Anopheles stephensi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E6736-43	11.5	656
76	Engineering Pathogen Resistance in Mosquitoes. 2016 , 277-304		5
75	Gene Drive Strategies for Population Replacement. 2016 , 169-200		33
74	Inhibition of Malaria Infection in Transgenic Anopheline Mosquitoes Lacking Salivary Gland Cells. 2016 , 12, e1005872		13
73	Concept and History of Genetic Control. 2016 , 31-54		3

72	Impact of Genetic Modification of Vector Populations on the Malaria Eradication Agenda. 2016 , 423-444	2
71	Prospects and challenges of CRISPR/Cas genome editing for the study and control of neglected vector-borne nematode diseases. 2016 , 283, 3204-21	32
70	The dawn of active genetics. 2016 , 38, 50-63	89
69	Endogenously-expressed NH2-terminus of circumsporozoite protein interferes with sporozoite invasion of mosquito salivary glands. 2016 , 15, 153	5
68	Genetic Control Of Malaria Mosquitoes. 2016 , 32, 174-176	15
67	Control of Mosquito-Borne Infectious Diseases: Sex and Gene Drive. 2016 , 32, 219-229	75
66	Changes in the microbiota cause genetically modified to spread in a population. 2017 , 357, 1396-1399	40
65	Requirements for Driving Antipathogen Effector Genes into Populations of Disease Vectors by Homing. 2017 , 205, 1587-1596	46
64	nanos-Driven expression of piggyBac transposase induces mobilization of a synthetic autonomous transposon in the malaria vector mosquito, <i>Anopheles stephensi</i> . 2017 , 87, 81-89	9
63	The <i>Anopheles</i> FBN9 immune factor mediates <i>Plasmodium</i> species-specific defense through transgenic fat body expression. 2017 , 67, 257-265	23
62	Population modification of Anopheline species to control malaria transmission. 2017 , 111, 424-435	48
61	Biological Control Strategies for Mosquito Vectors of Arboviruses. 2017 , 8,	65
60	Gene Drive for Mosquito Control: Where Did It Come from and Where Are We Headed?. 2017 , 14,	63
59	Targeting the Parasite to Suppress Malaria Transmission. 2017 , 97, 147-185	11
58	Advances in Engineering the Fly Genome with the CRISPR-Cas System. 2018 , 208, 1-18	83
57	Maintaining Quality of Candidate Strains of Transgenic Mosquitoes for Studies in Containment Facilities in Disease Endemic Countries. 2018 , 18, 31-38	7
56	Opening the toolkit for genetic analysis and control of <i>Anopheles</i> mosquito vectors. 2018 , 30, 8-18	7
55	Isolation and identification of <i>Asaia</i> sp. in <i>Anopheles</i> spp. mosquitoes collected from Iranian malaria settings: steps toward applying paratransgenic tools against malaria. 2018 , 11, 367	19

54	Biological Control. 2019 , 772-784	1
53	Vector biology meets disease control: using basic research to fight vector-borne diseases. 2019 , 4, 20-34	99
52	A roadmap for malaria research. 2019 , 365, 753-754	1
51	Large-cage assessment of a transgenic sex-ratio distortion strain on populations of an African malaria vector. 2019 , 12, 70	14
50	Experimental population modification of the malaria vector mosquito, <i>Anopheles stephensi</i> . 2019 , 15, e1008440	56
49	Winning the Tug-of-War Between Effector Gene Design and Pathogen Evolution in Vector Population Replacement Strategies. 2019 , 10, 1072	24
48	Functional Characterization and Comparison of Proteins as Targets of Transmission-blocking Antibodies. 2020 , 19, 155-166	11
47	Genetic engineering and bacterial pathogenesis against the vectorial capacity of mosquitoes. 2020 , 147, 104391	1
46	Prospects and Pitfalls: Next-Generation Tools to Control Mosquito-Transmitted Disease. 2020 , 74, 455-475	9
45	Efficient population modification gene-drive rescue system in the malaria mosquito <i>Anopheles stephensi</i> . 2020 , 11, 5553	54
44	CRISPR/Cas9 gene drive technology to control transmission of vector-borne parasitic infections. 2020 , 42, e12762	3
43	Mosquito Control. 2020 , 249-278	4
42	Broad dengue neutralization in mosquitoes expressing an engineered antibody. 2020 , 16, e1008103	36
41	A transcomplementing gene drive provides a flexible platform for laboratory investigation and potential field deployment. 2020 , 11, 352	37
40	The role of NbTMP1, a surface protein of sporoplasm, in <i>Nosema bombycis</i> infection. 2021 , 14, 81	2
39	Identification of a neutralizing epitope within minor repeat region of <i>Plasmodium falciparum</i> CS protein. 2021 , 6, 10	6
38	<i>Aedes aegypti</i> SGS1 is critical for <i>Plasmodium gallinaceum</i> infection of both the mosquito midgut and salivary glands. 2021 , 20, 11	1
37	A confinable home-and-rescue gene drive for population modification. 2021 , 10,	15

36	<i>Culex quinquefasciatus</i> : status as a threat to island avifauna and options for genetic control. 2021 , 2,	6
35	Current Effector and Gene-Drive Developments to Engineer Arbovirus-Resistant <i>Aedes aegypti</i> (Diptera: Culicidae) for a Sustainable Population Replacement Strategy in the Field. 2021 , 58, 1987-1996	2
34	Converting endogenous genes of the malaria mosquito into simple non-autonomous gene drives for population replacement. 2021 , 10,	9
33	Selection of Sites for Field Trials of Genetically Engineered Mosquitoes with Gene Drive.	0
32	Differential transcriptomic response of <i>Anopheles arabiensis</i> to <i>Plasmodium vivax</i> and <i>Plasmodium falciparum</i> infection.	
31	Malaria-Resistant Mosquitoes (Diptera: Culicidae); The Principle is Proven, But Will the Effectors Be Effective?. 2021 , 58, 1997-2005	1
30	Population modification strategies for malaria vector control are uniquely resilient to observed levels of gene drive resistance alleles. 2021 , 43, e2000282	5
29	Selection of sites for field trials of genetically engineered mosquitoes with gene drive. 2021 , 14, 2147-2161	1
28	Gene drives gaining speed. 2021 ,	14
27	Mosquito transgenesis for malaria control. 2021 ,	2
26	Control of malaria-transmitting mosquitoes using gene drives. 2021 , 376, 20190803	12
25	Converting endogenous genes of the malaria mosquito into simple non-autonomous gene drives for population replacement.	10
24	Efficient population modification gene-drive rescue system in the malaria mosquito <i>Anopheles stephensi</i> .	5
23	A home and rescue gene drive efficiently spreads and persists in populations.	8
22	Broad Dengue Neutralization in Mosquitoes Expressing an Engineered Antibody.	5
21	Split-gene drive system provides flexible application for safe laboratory investigation and potential field deployment.	3
20	malERA: An updated research agenda for basic science and enabling technologies in malaria elimination and eradication. 2017 , 14, e1002451	17
19	Contrasted Fitness Costs of Docking and Antibacterial Constructs in the EE and EVIDa3 Strains Validates Two-Phase <i>Anopheles gambiae</i> Genetic Transformation System. 2013 , 8, e67364	8

18	Cas9-mediated gene-editing in the malaria mosquito <i>Anopheles stephensi</i> by ReMOT Control.	3
17	Population replacement gene drive characteristics for malaria elimination in a range of seasonal transmission settings: a modeling study.	
16	Gene Drives Across Engineered Fitness Valleys: Modeling a Design to Prevent Drive Spillover.	1
15	The Population Genomics of <i>Anopheles gambiae</i> Species Complex: Progress and Prospects. 2021 , 1	
14	Gene Drive Mosquitoes Can Aid Malaria Elimination by Retarding <i>Plasmodium</i> Sporogonic Development.	0
13	Expression of anti-NbHK single-chain antibody in fusion with NSI _{mb} enhances the resistance to in Sf9-III cells.. 2022 , 1-7	0
12	Transgenic <i>Anopheles</i> mosquitoes expressing human PAI-1 impair malaria transmission. 2022 , 13,	1
11	Testing non-autonomous antimalarial gene drive effectors using self-eliminating drivers in the African mosquito vector <i>Anopheles gambiae</i> . 2022 , 18, e1010244	0
10	A population modification gene drive targeting both Saglin and Lipophorin disables <i>Plasmodium</i> transmission in <i>Anopheles</i> mosquitoes.	
9	Population replacement gene drive characteristics for malaria elimination in a range of seasonal transmission settings: a modelling study. 2022 , 21,	0
8	Mosquito Population Modification for Malaria Control.	
7	Refolding and characterization of a diabody against Pfs25, a vaccine candidate of <i>Plasmodium falciparum</i> . 2022 , 655, 114830	0
6	Gene drive mosquitoes can aid malaria elimination by retarding <i>Plasmodium</i> sporogonic development. 2022 , 8,	1
5	Differential scanning fluorimetry as a measure of functionality of refolded anti-malarial antibody fragments.	0
4	Research progress of CRISPR/Cas9-mediated and HDR-type gene drive technology in mosquito genetic control. 2022 ,	0
3	Driving down malaria transmission with engineered gene drives. 13,	1
2	Population Modification Using Gene Drive for Reduction of Malaria Transmission. 2022 , 243-258	0
1	Use of Insect Promoters in Genetic Engineering to Control Mosquito-Borne Diseases. 2023 , 13, 16	0

