

# Arthropod Vectors

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## Recent Publications on Arthropod Vectors:



- [Relapsing fever - a forgotten disease revealed.](#)  
*Summary Borrelial relapsing fever was once a major worldwide epidemic...*6th November, 2009  
School of Health & Bioscience, University of East London, London, UK.- J Appl Microbiol. 2009 Oct 20.  
([DOI Direct Link](#))
- [Replication cycle of chikungunya: a re-emerging arbovirus.](#)  
*Arboviruses (or arthropod-borne viruses), represent a threat for the new...*27th October, 2009  
Universite Montpellier 1, Centre d'etudes d'agents Pathogenes et- Virology. 2009 Oct 25;393(2):183-97. Epub 2009 Sep 4. ([DOI Direct Link](#))
- [\[Arthropods with vectorial interest in spanish public health\]](#)  
*Fifteen of the thirty-one Obligatory Communicable Diseases in Spain,...*1st October, 2009  
Laboratorio de Entomologia y Control de Plagas, Instituto Cavanilles de- Rev Esp Salud Publica. 2009 Mar-Apr;83(2):201-14.
- [Surveillance and control of zoonotic agents prior to disease detection in humans.](#)  
*The majority of newly emerging diseases are zoonoses caused by pathogens...*30th September, 2009  
Department of Epidemiology and Public Health, Yale University School of- Mt Sinai J Med. 2009 Oct;76(5):421-8. ([DOI Direct Link](#))
- [Anaplasmosis and ehrlichiosis - Maine, 2008.](#)  
*Anaplasmosis and ehrlichiosis are rickettsial tickborne diseases that have...*30th September, 2009  
- MMWR Morb Mortal Wkly Rep. 2009 Sep 25;58(37):1033-6.
- [Adaptative strategies of vector-borne pathogens to vectorial transmission. Foreword.](#)  
*Arboviruses (or arthropod-borne viruses), represent a threat for the new...*30th September, 2009  
- Vet Res. 2009 Mar-Apr;40(2):44.
- [\[European symposium about parasitic and arthropod transmitted diseases\]](#)  
*Alphaviruses are RNA viruses transmitted between vertebrate hosts by...*26th September, 2009  
- Tijdschr Diergeneeskd. 2009 Aug 15;134(16):678-9.
- [Silencing of genes involved in Anaplasma marginale-tick interactions affects the pathogen developmental cycle in Dermacentor variabilis.](#)  
*BACKGROUND: The cattle pathogen, Anaplasma marginale, undergoes a...*26th September, 2009  
Department of Veterinary Pathobiology, Center for Veterinary Health- BMC Dev Biol. 2009 Jul 16;9:42.  
([DOI Direct Link](#))
- [A novel system for the launch of alphavirus RNA synthesis reveals a role for the Imd pathway in arthropod antiviral response.](#)  
*Alphaviruses are RNA viruses transmitted between vertebrate hosts by...*19th September, 2009

Department of Biology, Indiana University, Bloomington, IN, USA.- PLoS Pathog. 2009 Sep;5(9):e1000582. Epub 2009 Sep 18. ([DOI Direct Link](#))

- [Zoonoses of dermatologic interest.](#)

*Zoonoses are infectious diseases that can be transmitted from animals to...*17th September, 2009  
Department of Dermatology, Geisinger Medical Center, Danville,- Dermatol Ther. 2009 Jul-Aug;22(4):367-78. ([DOI Direct Link](#))

- [Bedbugs.](#)

*Cimex lectularius (the "bedbug") is an insect that feeds nocturnally,...*17th September, 2009  
University of Minnesota School of Medicine, Minneapolis, Minnesota, USA.- Dermatol Ther. 2009 Jul-Aug;22(4):347-52. ([DOI Direct Link](#))

- [Emerging viral infections of the central nervous system: part 1.](#)

*In this 2-part review, I will focus on emerging virus infections of the...*21st August, 2009  
Neurology B-182, Research Complex-2, University of Colorado Denver Health- Arch Neurol. 2009 Aug;66(8):939-48. ([DOI Direct Link](#))

- [African swine fever: how can global spread be prevented?](#)

*African swine fever (ASF) is a devastating haemorrhagic fever of pigs with...*19th August, 2009  
The Royal Veterinary College, Hatfield, Hertfordshire AL9 7TA, UK.- Philos Trans R Soc Lond B Biol Sci. 2009 Sep 27;364(1530):2683-96. ([DOI Direct Link](#))

- [Altitudinal patterns of tick and host abundance: a potential role for climate change in regulating tick-borne diseases?](#)

*The impact of climate change on vector-borne infectious diseases is...*18th August, 2009  
Macaulay Land Use Research Institute, Craigiebuckler, Aberdeen, AB31 8QH,- Oecologia. 2010 Jan;162(1):217-25. Epub 2009 Aug 15. ([DOI Direct Link](#))

- [Immunity and symbiosis.](#)

*The invertebrate immune system, which has become a major research focus,...*7th August, 2009  
Department of Microbiology, Biocenter, University of Wurzburg, Wurzburg,- Mol Microbiol. 2009 Sep;73(5):751-9. Epub 2009 Jul 28. ([DOI Direct Link](#))

#### Arthropod Vectors Clinical Trials:



- [Surveillance of Summer Febrile Syndromes of Viral Origin in South of France](#)

#### Arthropod Vectors Patents:



- 5344645- [Immunogens derived from pathogen-free tick species or cell lines, and tick vaccines derived therefrom](#)
- 6123949- [Recombinant fowlpox virus S-FPV-043 and uses thereof](#)

- 6136318- [Recombinant fowlpox viruses and uses thereof](#)
- 6190666- [DNA expression systems based on alphaviruses](#)
- 6204018- [66 kDa antigen from Borrelia](#)
- 6251872- [Nucleic acid vaccines for ehrlichia chaffeensis and methods of use](#)
- 6342230- [Materials and methods for prevention or reduction of the severity of heartwater](#)
- 6375954- [Size-variable strain-specific protective antigen for potomac horse fever](#)
- 6437116- [VMP-like sequences of pathogenic borrelia](#)
- 6447801- [Anti-parasitic action of N,N-diethyl-m-toluamide \(deet\) and formulations that prolong its activity in the skin](#)
- 6465487- [Inhibition of membrane-associated viral replication](#)
- 6090586- [66 kDa antigen from Borrelia](#)
- 6068842- [66 kDa antigen from Borrelia](#)
- 6054296- [66 kDa antigen from Borrelia](#)
- 5739026- [DNA expression systems based on alphaviruses](#)
- 5766840- [Hepatitis G virus and molecular cloning thereof](#)
- 5824507- [Hepatitis G virus and molecular cloning thereof](#)
- 5849532- [Hepatitis G virus and molecular cloning thereof](#)
- 5856134- [Hepatitis G virus and molecular cloning thereof](#)
- 5874563- [Hepatitis G virus and molecular cloning thereof](#)
- 5925358- [Recombinant fowlpox viruses and uses thereof](#)
- 5980899- [Identification of peptides that stimulate hepatitis C virus specific cytotoxic T cells](#)
- 6001369- [Recombinant fowlpox viruses and uses thereof](#)
- 6025338- [Nucleic acid vaccines against rickettsial diseases and methods of use](#)
- 6465488- [Inhibition of glycolipid biosynthesis](#)
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- 7026133- [Method and composition for the diagnosis of equine infectious anemia virus disease by using the recombinant capsid protein virus \(p26\)](#)
- 7135176- [VMP-like sequences of pathogenic Borrelia](#)
- 7166294- [Control of arthropods in rodents](#)
- 7195756- [Control of arthropod vectors of parasitic diseases](#)
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- 7425437- [Vaccines against West Nile Virus](#)
- 7498331- [Arthropod repellent pharmacophore models, compounds identified as fitting the pharmacophore models, and methods of making and using thereof](#)
- 6878816- [Vmp-like sequences of pathogenic Borrelia](#)
- 6849266- [Control of arthropod vectors of parasitic diseases](#)
- 6770283- [DNA expression systems based on alphaviruses](#)
- 6509017- [66 KDA antigen from Borrelia](#)
- 6517838- [Decorin binding protein essential peptides and methods of use](#)
- 6593147- [Nucleic acid vaccines against rickettsial diseases and methods of use](#)
- 6596846- [Method and composition for the diagnosis of equine infectious anemia virus disease by using the recombinant capsid protein virus \(p26\)](#)
- 6610838- [P13 antigens from Borrelia](#)
- 6653128- [Nucleic acid vaccines against rickettsial diseases and methods of use](#)
- 6660749- [Inhibition of glycolipid biosynthesis](#)
- 6685948- [Replication-defective dengue viruses that are replication-defective in mosquitoes for use as vaccines](#)
- 6719983- [VMP-like sequences of pathogenic Borrelia](#)
- 6740744- [VMP-like sequences of pathogenic borrelia](#)
- 7521177- [Flavivirus detection methods employing recombinant antigens comprising a Japanese](#)

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