

Finding Journal Articles

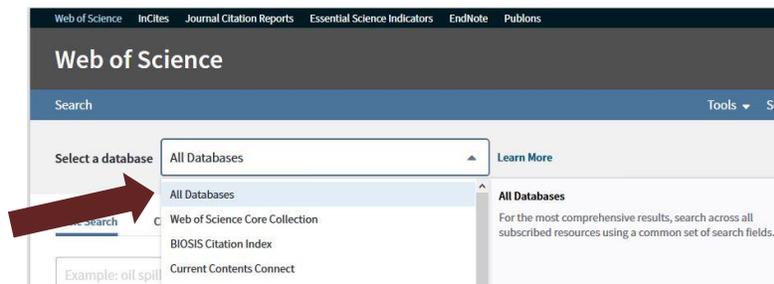
The library subscribes to many databases. Each database contains a collection of information sources on specific topics. For animal science, a great first step is to use Web of Science or CAB Abstracts.

Searching Web of Science

Step 1: Go to the Animal Science Research Guide: <http://tamu.libguides.com/ANSC>

Step 2: From the Finding Articles page, select the Web of Science database link.

Step 3: Click the down arrow next to “Web of Science™ Core Collection and select “all databases” from the list:



Step 4: Enter your search keywords. Make sure to change the dropdown fields as appropriate. Click “search.”

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Brucellosis at the animal/ecosystem/human interface at the beginning of the 21st century

By: Godfroid, J [Godfroid, J]^{1,2}; Scholz, HC [Scholz, H. C.]³; Barbier, T [Barbier, T]⁴; Nicolas, C [Nicolas, C.]⁴; Wattiau, P [Wattiau, P]⁵; Fretin, D [Fretin, D. J.]¹; Whatmore, AM [Whatmore, A. M.]⁶; Clockaert, A [Clockaert, A. J.]⁷; Blasco, JM [Blasco, J. M.]⁸; Moriyon, I [Moriyon, I. J.]⁹. More

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PREVENTIVE VETERINARY MEDICINE
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DOI: 10.1016/j.prevetmed.2011.04.007
Published: NOV 1 2011
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View Journal Impact

Conference
Conference: Conference on Animal Health in the 21st Century
Location: Greifswald, GERMANY
Date: OCT 11-13, 2010

Abstract
Following the recent discovery of new *Brucella* strains from different animal species and from the environment, ten *Brucella* species are nowadays included in the genus *Brucella*. Although the intracellular trafficking of *Brucella* is well described, the strategies developed by *Brucella* to survive and multiply in phagocytic and non-phagocytic cells, particularly to access nutrients during its intracellular journey, are still largely unknown. Metabolism and virulence of *Brucella* are now considered to be two sides of the same coin. Mechanisms presiding to the colonization of the pregnant uterus in different animal species are not known. Vaccination is the cornerstone of control programs in livestock and although the S19, RB51 (both in cattle) and Rev 1 (in sheep and goats) vaccines have been successfully used worldwide, they have drawbacks and thus the ideal *brucellosis* vaccine is still very much awaited. There is no vaccine available for pigs and wildlife. Animal *brucellosis* control strategies differ in the developed and the developing world. Most emphasis is put on eradication and on risk analysis to avoid the re-introduction of *Brucella* in the developed world. Information related to the prevalence of *brucellosis* is still scarce in the developing world and control programs are rarely implemented. Since there is no vaccine available for humans, prevention of human *brucellosis* relies on its control in the animal reservoir. *Brucella* is also considered to be an agent to be used in bio- and agroterrorism attacks. At the animal/ecosystem/human interface it is critical to reduce opportunities for *Brucella* to jump host species as already seen in livestock, wildlife and humans. This task is a challenge for the future in terms of veterinary public health, as for wildlife and ecosystem managers and will need a “One Health” approach to be successful. (C) 2011 Elsevier B.V. All rights reserved.

Keywords
Author Keywords: *Brucella*; *Brucellosis*; Taxonomy; Immunity; Virulence; Metabolism; Vaccine; Epidemiology; Zoonosis; Bioterrorism; “One Health”
Keywords Plus: ABORTUS STRAIN RB51; REAL-TIME PCR; POLYMERASE-CHAIN-REACTION; MARINE MAMMAL BRUCELLA; TANDEM-REPEAT ANALYSIS; RISK-FACTORS; MELTINSE INFECTION; INTRACELLULAR LIFE; ANIMAL BRUCELLOSIS; ANTIBIOTIC-THERAPY

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Vergnaud, Gilles; Hauck, Yolande; Christiansy, David; et al. Genotypic Expansion Within the Population Structure of Classical *Brucella* Species Revealed by MLVA16 Typing of 1404 *Brucella* Isolates From Different Animal and Geographic Origins, 1974-2006. FRONTIERS IN MICROBIOLOGY (2018)
Hosain, H., Zaki, Hoda Mohamed; Safwat, Nesreen Mohamed; et al. Evaluation of the General Organization of Veterinary Services control program of animal *brucellosis* in Egypt: An outbreak investigation of *brucellosis* in buffalo. VETERINARY WORLD (2018)

Searching CAB Abstracts

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Title Genetic relationships of clinical mastitis, cystic ovaries, and lameness with milk yield and somatic cell score in first-lactation Canadian Holsteins.

Source Journal of Dairy Science; 2014. 97(9):5806-5813.

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Country of Publication USA

Abstract The objective of this study was to investigate the genetic relationships of the 3 most frequently reported dairy cattle diseases (clinical mastitis, cystic ovaries, and lameness) with test-day milk yield and somatic cell score (SCS) in first-lactation Canadian Holstein cows using random regression models. Health data recorded by producers were available from the National Dairy Cattle Health System in Canada. Disease

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