

Ticks



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Widespread and increasing resistance to most available acaracides threatens both global livestock industries and public health. This necessitates better understanding of ticks and the diseases they transmit in the development of new control strategies. Ticks: Biology, Disease and Control is written by an international collection of experts and covers in-depth information on aspects of the biology of the ticks themselves, various veterinary and medical tick-borne pathogens, and aspects of traditional and potential new control methods. A valuable resource for graduate students, academic researchers and professionals, the book covers the whole gamut of ticks and tick-borne diseases from microsatellites to satellite imagery and from exploiting tick saliva for therapeutic drugs to developing drugs to control tick populations. It encompasses the variety of interconnected fields impinging on the economically important and biologically fascinating phenomenon of ticks, the diseases they transmit and methods of their control.

作者介绍:

Alan Bowman has worked at the Universities of Edinburgh, Oxford and Oklahoma State

and is now at the University of Aberdeen. His research interests include tick physiology, bioactive factors in tick saliva, drug target development and ecological aspects of borreliosis. Funding for his tick research has come from national funding bodies and both large animal health and small biotechnology companies for which he also acts as a consultant.

Pat Nuttall is Director of the Centre for Ecology & Hydrology (CEH), the UK's centre of excellence for integrated research in land-based and freshwater environmental sciences, and part of the Natural Environment Research Council (NERC). She is Professor of Virology of the University of Oxford and a Supernumerary Fellow of Wolfson College, Oxford. She was awarded the Ivanovsky Medal for Virology in 1996 by the Russian Academy of Sciences, and the Order of the British Empire by the Queen in 2000 for services to environmental sciences.

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