

1. Record Nr.	UNINA9910144739603321
Titolo	Olfaction in mosquito-host interactions [[electronic resource] / / [editors, Gregory R. Bock (organizer) and Gail Cardew] Chichester ; ; New York, : John Wiley, 1996
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Collana	Ciba Foundation symposium ; ; 200
Altri autori (Persone)	BockGregory CardewGail
Disciplina	614.4 614.4323
Soggetti	Mosquitoes - Control Smell Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Olfaction in Mosquito-Host Interactions, held in collaboration with the World Health Organization at the Ciba Foundation, London, 31 Oct.-2 Nov. 1995"--Contents.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	OLFACTION IN MOSQUITO-HOST INTERACTIONS; Contents; Participants; Preface; Chairman's introduction; Introduction I: an overview of mosquito biology, behaviour and importance; Vector insects and their control; Genetics, ecology and behaviour of anophelines; General discussion I; Introduction II: olfactory control of mosquito behaviour; Odour plumes and odour-mediated flight in insects; Olfactory basis of host location by mosquitoes and other haematophagous Diptera; Selection of biting sites by mosquitoes; General discussion II The role of mosquito olfaction in oviposition site location and in the avoidance of unsuitable hostsIntroduction III: odours for host-finding mosquitoes; A search for components in human body odour that attract females of <i>Aedes aegypti</i> ; Introduction IV: coding mechanisms in insect olfaction; Structure and function of insect of insect olfactory sensilla;

General discussion III; Central olfactory pathways in mosquitoes and other insects; Sensory aspects of host location in mosquitoes; Endogenous factors regulating mosquito host-seeking behaviour;

General discussion IV

Electrophysiological responses from receptor neurons in mosquito maxillary palp sensillaResponses of antennal olfactory receptors in the yellow fever mosquito *Aedes aegypti* to human body odours; The multiple role of the pheromone- binding protein in olfactory transduction; General discussion V; Genetic and molecular studies of olfaction in *Drosophila*; Synthesis and future challenges: the response of mosquitoes to host odours; Index of contributors; Subject index

Sommario/riassunto

This new work contains the first integrated discussion of the role of olfaction in mosquito-host interactions. It covers the practical applications of this knowledge in attempting to control malaria as a problem for world health. The volume begins with a general overview of mosquito life cycle styles and how odour-mediated host location fits into the repertoire of behaviours that a specific species may exhibit. Certain aspects of insect olfaction and its underlying physiological mechanisms are incorporated within the book.

2. Record Nr.	UNISALENT0991003154099707536
Autore	Pfleeger, Charles P.
Titolo	Sicurezza in informatica / Charles P. Pfleeger, Shari L. Pfleeger
Pubbl/distr/stampa	Milano : Pearson education Italia ; 2004
ISBN	9788871921976
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Altri autori (Persone)	Pfleeger, Shari Lawrence
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