

1. Record Nr.	UNINA9910455915303321
Titolo	A new model for analyzing antimicrobial peptides with biomedical applications [[electronic resource] /] / edited by Edwin L. Cooper, Alain Beschin, and Martin Bilej
Pubbl/distr/stampa	Amsterdam ; ; Washington, DC, : IOS Press, c2002
ISBN	1-280-50542-7 9786610505425 600-00-0323-4 1-60129-399-2
Descrizione fisica	1 online resource (208 p.)
Collana	NATO science series. Series I, Life and behavioural sciences, , 1566-7693 ; ; v. 343
Altri autori (Persone)	CooperEdwin L <1936-> (Edwin Lowell) BeschinAlain BilejM
Disciplina	592.64
Soggetti	Peptide antibiotics - Analysis Invertebrates - Immunology Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Proceedings of the NATO Advanced Research Workshop on a New Model for Analyzing Antimicrobial Peptides with Biomedical Applications, 4-7 July, 2001, Prague, Czech Republic"--t.p. verso.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface; Contents; Introduction to the Earthworm Immune System; Coelomocytes (Leukocytes); Antimicrobial Activity and Cytotoxicity; Other Annelid Models: Leeches; Other Invertebrate Models; Mitogenic, Lectin and Cytokine-like Activities; Activities against Parasites; Summary and Perspectives; Bibliography of Edwin L. Cooper emphasizing on earthworms (1966-2002); Author Index
Sommario/riassunto	This volume first presents evidence for the earthworm's immune system; the results strongly suggest that certain molecules of the earthworm's immune system may be exploited as natural antibiotics - thus the biomedical applications.