

1. Record Nr.	UNISALENTO991000747809707536
Autore	Amrein, Werner O.
Titolo	Co-groups, commutator methods and spectral theory of N-Body Hamiltonians / Werner O. Amrein, Anne Boutet de Monvel, Vladimir Georgescu
Pubbl/distr/stampa	Basel ; Boston ; Berlin : Birkhauser, c1996
ISBN	3764353651
Descrizione fisica	xiv, 460 p. ; 24 cm
Collana	Progress in mathematics [Birkhauser], ISSN 0743-1643; 135
Classificazione	AMS 46L60
Altri autori (Persone)	Boutet de Monvel-Berthier, Anneauthor Georgescu, Vladimir
Disciplina	515.7
Soggetti	Hamiltonian operator Selfadjoint operators Spectral theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references and index

2. Record Nr.	UNINA9911019218803321
Titolo	Antimicrobial peptides // [editors, Joan Marsh and Jamie A. Goode]
Pubbl/distr/stampa	Chichester, England ; ; New York, : Wiley, 1994
ISBN	1-282-45501-X 9786612455018 0-470-51465-5 0-470-51466-3
Descrizione fisica	1 online resource (293 p.)
Collana	Ciba Foundation symposium ; ; 186
Altri autori (Persone)	MarshJoan GoodeJamie
Disciplina	615/.3
Soggetti	Peptide antibiotics Protein drugs Peptides - Therapeutic use Microbial peptides
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Symposium on Antimicrobial Peptides, held at the Ciba Foundation, London, 18-20 January 1994."
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	ANTIMICROBIAL PEPTIDES; Chairman's opening remarks; Design and synthesis of antimicrobial peptides; Gene-encoded antibiotics made in bacteria; General discussion I; Biosynthesis of defensins and other antimicrobial peptides; Antimicrobial peptides from amphibian skin: an overview; Gene-encoded antimicrobial peptides from plants; Drosophila as a model system for antibacterial peptides; Function of antimicrobial proteins in insects; General discussion I I; Anti bacterial peptides in insect vectors of tropical parasitic disease Structu re-f u nction relationships of tachyplesins and their analoguesBactericidal permeability-increasing protein in host defence against Gram- negative bacteria and endotoxin; General discussion I I I; Potential therapeutic applications of magainins and other antimicrobial agents of animal origin; Primitive vertebrate immunity: what is the evolutionary derivation of molecules that define the adaptive immune system?; Antimicrobial proteins with homology to serine proteases; Antimicrobial peptides as agents of mucosal immunity; Closing

remarks; Index of contributors; Subject index

Sommario/riassunto

Describes the structure and function of important peptides from several different organisms. An exciting development is the use of these peptides or their analogues in the treatment and prevention of infectious diseases. Considers ways in which these peptides may be used to control the insect vectors of key pathogens including the malarial parasite. Discusses the role of antimicrobial peptides in the mammalian immune system and their interaction with other components of that system.
