

1. Record Nr.	UNINA9910734364603321
Titolo	Computational approaches in discovery & design of antimicrobial peptides / / edited by Agostinho Aguero-Chapin, Guillermin Aguero-Chapin, Yovani Marrero-Ponce
Pubbl/distr/stampa	[Place of publication not identified] : , : Multidisciplinary Digital Publishing Institute, , 2023
Descrizione fisica	1 online resource (258 pages)
Disciplina	615.3
Soggetti	Microbial peptides
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Antimicrobial resistance remains a major concern in medicine, especially during the COVID-19 pandemic, where microbial infections were frequent complications. To combat drug-resistant pathogens, there has been a renewed interest in the use of antimicrobial peptides (AMPs). This reprint focuses on the in-silico approaches used for the rational discovery and design of AMPs. Such computational methodologies range from classical homology-based and machine-learning prediction algorithms to complex similarity networks and evolutionary algorithms that use models of sequence evolution. Furthermore, the reprint explores the improvement of high-throughput screening techniques in the discovery of AMPs from biological samples, which has also led to the evolution of computational approaches that aid in this biodiscovery process. The reprint contains original research and review papers, which serve as valuable references for researchers dedicated to peptide drug development.</p>

2. Record Nr.	UNINA9910782716803321
Autore	Kanaganayakam C (Chelvanayakam), <1952->
Titolo	Counterrealism and Indo-Anglian fiction [[electronic resource] /] / Chelva Kanaganayakam
Pubbl/distr/stampa	Waterloo, Ont., : Wilfrid Laurier University Press, c2002
ISBN	1-280-92557-4 9786610925575 0-88920-749-6
Descrizione fisica	1 online resource (224 p.)
Disciplina	823/.91409954
Soggetti	Indic fiction (English) - 20th century - History and criticism Indic literature (English) - 20th century - History and criticism
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references: p. 199-208.
Nota di contenuto	Counterrealism as alternative literary history -- The fabulator of Malgudi: R.K. Narayan -- H. Hatterr and sauce anglaise: G.V. Desani -- Slipper dragging and the silent piano: Anita Desai -- The art of enchantment: Zulfikar Ghose -- Fashioning new fables: Suniti Namjoshi -- Fabulating the real: Salman Rushdie -- Midnight's grandchildren.
Sommario/riassunto	What do R.K. Narayan, G.V. Desani, Anita Desai, Zulfikar Ghose, Suniti Namjoshi, and Salman Rushdie have in common? They represent Indian writing in English over five decades. Vilified by many cultural nationalists for not writing in native languages, they nonetheless present a critique of the historical and cultural conditions that promoted and sustained writing in English. They also have in common a counterrealist aesthetic that asks its own social, political, and textual questions. This book is about the need to look at the tradition of Indian writing in English from the perspective of counterrealism. The departure from the conventions of mimetic writing not only challenges the limits of realism but also enables Indo-Anglian authors to access formative areas of colonial experience. Kanaganayakam analyzes the fiction of writers who work in this vibrant Indo-Anglian tradition and demonstrates patterns of continuity and change during the last five decades. Each chapter draws attention to what is distinctive about the

artifice in each author while pointing to the features that connect them. The book concludes with a study of contemporary writing and its commitment to non-mimetic forms.

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