1.

Record Nr.	UNISALENTO991001005729707536
Autore	Kauffman, Louis H.
Titolo	The interface of knots and physics : American Mathematical Society short course, January 2-3, 1995, San Francisco, California / Louis H. Kauffman, editor
Pubbl/distr/stampa	Providence, R.I. : American Mathematical Society, c1996
ISBN	0821803808
Descrizione fisica	x, 208 p. : ill. ; 26 cm
Collana	Proceedings of symposia in applied mathematics, 0160-7634 ; 51. AMS short course lecture notes
Classificazione	AMS 57-06 AMS 57N99
Disciplina	530.154224
Soggetti	Knot theory - Congresses Mathematical physics - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references and index

2. Record Nr. UNINA9910757899703321

Autore	Iacovone, Donato
Titolo	La trasformazione dei modelli di business nell'era digitale = = Strategy, business model & plan in the age of digital disruption / Donato Iacovone
Pubbl/distr/stampa	Bologna, : il Mulino, 2018
ISBN	9788815279460
Descrizione fisica	404 p. ; 22 cm
Collana	EY business school , Ricerche
Disciplina	658.4
Locazione	BFS
Collocazione	658.4 IAC 3
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Testo solo in italiano

3. Record Nr. UNINA9910821292903321

Titolo	Antifungals : from genomics to resistance and the development of novel agents / / edited by Alix T. Coste, Institute of Microbiology, University Hospital Lausanne, and University Hospital Center, Lausanne, Switzerland, and Patrick Vandeputte, Host-Pathogen Interactions Study Group, UPRES-EA 3142, L'UNAM Angers University, and Parasitology-Mycology Laboratory, University Hospital Center, Angers, France
Pubbl/distr/stampa	Norfolk, England : , : Caister Academic Press, , [2015] ©2015
ISBN	1-910190-02-0
Descrizione fisica	1 online resource (346 p.)
Disciplina	616.969061
Soggetti	Immunotherapy Antifungal agents Biofilms
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (some color) and index.
Nota di contenuto	Contents; Contributors; Preface; 1: Molecular Mechanisms of Resistance of Candida spp. to Membrane-targeting Antifungals; Introduction; Azoles; Non-azole ergosterol biosynthesis inhibitors; Polyenes; Concluding remarks; 2: Point Mutations and Membrane-targeting Antifungal Resistance in Aspergillus fumigatus and Other Non-Candida Species; Introduction; Aspergillus fumigatus azole resistance in clinical settings; The molecular target of azoles, allylamines and polyenes: ergosterol and ergosterol biosynthesis pathway; Differences in ergosterol pathway between Aspergillus spp. and yeasts Fungal 14-a sterol demethylases (SDMs): the main target for azole antifungalsA. fumigatus azole susceptibility patterns and mechanisms of azole resistance linked with CYP51 point mutations; Azole resistance in non-fumigatus Aspergillus; Azole secondary resistance linked with point mutations in the 14- sterol demethylase enzyme in non-Candida and non-Aspergillus species; Polyene resistance; Resistance to allylamines; General conclusion; 3: Echinocandins: Resistance Mechanisms; Introduction; Structures; Echinocandin target: Fks1; Fks

gene family; Fks1 structure-function
Cell-free -1,3-glucan synthase systemsEchinocandin uptake and efflux; Acquired echinocandin resistance: Fks hot spots 1 and 2; Differential echinocandin resistance: discovery of hot spot 3; Impact of Fks heterozygosity and redundancy on acquired resistance; Fks-independent acquired echinocandin resistance; Intrinsic echinocandin resistance: hot spot 1 substitutions; Intrinsic echinocandin resistance: hot spot 3 substitutions; Intrinsic resistance: mechanism to be determined; Stage-specific intrinsic resistance; Conclusions and future prospects; 4: Biofilms and Antifungal Resistance
Introduction to fungal biofilmsFungal biofilm infections of humans; Current standard of care for fungal biofilm infections; Mechanisms of fungal biofilm drug resistance; Challenges and strategies to developing therapeutics for fungal biofilm infections; 5: Drug Combinations as a Strategy to Potentiate Existing Antifungal Agents; Introduction; In vitro and in vivo combinations with known antifungal agents; In vitro and in vivo combinations of non-antifungals with known antifungal agents; Systematic drug combination screenings
Chemogenetic approaches in the exploration of drug interaction mechanismsConclusions; 6: Approaches to Detect Alternative Mechanisms of Resistance to Systemic Antifungals; Introduction; 'Omics' approaches; Mutants collections screening; Comparison with others species; Concluding remarks; 7: New Antifungal Discovery from Existing Chemical Compound Collections; Introduction; A new career for acetylsalicylic acid as an antifungal; Other non-traditional antimicrobial agents; Conclusion and future perspectives; 8: Exploring New Insights into Fungal Biology as Novel Antifungal Drug Targets Introduction

Sommario/riassunto

Infections caused by pathogenic fungi are a significant global problem; a situation exacerbated by the limited availability of good antifungal options. Being eukaryotic organisms, these pathogens are phylogenetically much closer to the human host than bacterial pathogens. This sets serious limits to the range of exploitable fungal-specific drug targets. The advent of 'omics' and other high throughput technologies in recent years has revolutionized the field of antifungal research permitting researchers to quickly identify novel compounds and gain greater insights into drug resistance mechanism