

1. Record Nr.	UNINA9910797787003321
Titolo	"Topics in anti-cancer research." . Volume 4 // editors, Atta-ur-Rahman, FRS, Kings College, University of Cambridge, Cambridge, UK & Khurshid Zaman, Bentham Science Publishers, USA
Pubbl/distr/stampa	Sharjah : , : Bentham Science Publishers, Limited, , [2015]
ISBN	1-68108-076-1
Descrizione fisica	1 online resource (817 p.)
Collana	Topics in Anti-Cancer Research ; ; v.1
Soggetti	Cancer - Research Cancer - Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	CONTENTS; FOREWORD ; List of Contributors ; Targeted Cancer Therapy: The Roles Played by Antibody-Drug and Antibody-Toxin Conjugates ; 1. INTRODUCTION; 2. IMMUNOTOXINS; 2.1. Pseudomonas Exotoxin-Based Immunotoxins; 2.2. Pseudomonas Exotoxin-Based ITs in Treating Solid Tumors; 2.3. Diphtheria Toxin-Based Immunotoxins; 2.4. Ribosome Inactivating Proteins-Based Immunotoxins; 2.4.1. Ricin; 2.4.2. Recombinant constructs of RIP I toxins; 2.5. Ribonucleases-Based IT; 2.6. Proapoptotic Proteins Used As Targeted Immunotoxins/Chimeric Proteins; 2.7. Current & Future Developments of ITs 3. ANTIBODY-DRUG CONJUGATES 3.1. DNA Interacting Agents-Calicheamicins; 3.2. DNA Interacting Agents-Duocarmycins; 3.3. DNA Interacting Agents-Pyrrolo[1,4]Benzodiazepines; 3.4. Tubulin Interacting Agents-Auristatins; 3.5. Tubulin Interacting Agents-Maytansinoids; 3.6. Other Anticancer Drugs Conjugated to mAbs; 4. CURRENT AND FUTURE DEVELOPMENTS OF ADC ; DISCLOSURE; CONFLICTS OF INTEREST; ACKNOWLEDGEMENTS; REFERENCES; Targeting Cell Surface Nucleolin in Cancer ; INTRODUCTION; CELL SURFACE LOCALIZATION OF NCL; LIGANDS OF CELL SURFACE NCL CELL SURFACE NCL-DEPENDENT LIGAND SPECIFIC INTERNALIZATIONCELL SURFACE NCL AND SIGNALING COMPLEXES; TARGETING CELL SURFACE NCL; CELL SURFACE NCL AS BIOMARKER FOR

CANCER; PATENTS RELATED TO NCL; CURRENT & FUTURE DEVELOPMENTS; DISCLOSURE; CONFLICT OF INTEREST; ACKNOWLEDGEMENTS; REFERENCES; Anticancer Agents Targeting Tubulin ; 1. INTRODUCTION; 2. MICROTUBULE DESTABLIZERS; 2.1. Colchicine; 2.2. Combretastatin A-4 (CA-A4); 2.3. Chalcones; 2.4. Phenstatins; 2.5. Podophyllotoxin; 2.6. Vinca Alkaloids; 2.7. Other Tubulin Polymerization Inhibitors; 3. MICROTUBULE STABLIZERS; 3.1. Taxol®
3.2. Other Tubulin Depolymerization Inhibitors
Drugs Bind to Microtubule-Associated Proteins (MAPs); Peripheral Neuropathy Induced by Anti Mitotic Agents [177]; Role of -Tubulin Isotypes in Drug Binding [178]; 4. RECENT PATENTS; 4.1. Research Corporation Technologies Patents; 4.2. Brandeis University Patents; 4.3. Tuse et al. Patents; 4.4. Pinney et al. Patents; 4.5. Aventis Pharma Patents (2001); 4.6. Davis et al. Patents; 4.7. Aventis Pharma Patents (2003); 4.8. Chang et al. Patents; 4.9. Hadfield et al. Patents; 4.10. Rigel Pharmaceuticals Patents; 4.11. NIH Patents
4.12. Cytopia Pty Ltd Patents
4.13. Galemmo et al. Patents; 4.14. Pettit et al. Patents; 4.15. Patent by Aneja et al.; 4.16. Wyeth Holding Corporation Patents; 4.17. Champions Biotechnology patents; 4.18. Bionomics Ltd. Patents; 4.19. Janssen Pharmaceutica Patents; 4.20. Exonhit Patents; 4.21. Centre National De La Recherche Scientifique Patents; 4.22. Development Centre of Biotechnology Patents; 4.23. Y M Biosciences Pty Ltd. Patents ; 4.24. Patents by Gangjee et al.; 4.25. Thorson et al. Patents; 4.26. Bionomics Ltd. Patents ; 4.27. Chen et al. (2014); 4.28. Wang et al. (2014)
4.29. Burns et al. (2014)
