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Autore	Choi Seok-ki <1964->
Titolo	Synthetic multivalent molecules [[electronic resource]] : concepts and biomedical applications / / Seok-ki Choi
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ISBN	1-280-54191-1 9786610541911 0-471-57770-7 0-471-57890-8
Descrizione fisica	1 online resource (446 p.)
Disciplina	615.31 615/.31
Soggetti	Multivalent molecules - Synthesis Multivalent molecules - Design Multivalent molecules - Physiological effect Electronic books.
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 and index.
Nota di contenuto	SYNTHETIC MULTIVALENT MOLECULES; CONTENTS; Preface; Notes for Organization and Classification; Abbreviations; 1 Introduction; 1.1 Nomenclature and Definitions; 1.1.1 Valency; 1.1.2 Linkers; 1.1.3 Scaffolds; 1.1.4 Ligand Density; 1.1.5 Homo- and Heterovalent Molecules; 1.2 Mechanistic Aspects of Multivalent Interaction; 1.2.1 Affinity Constant and Avidity; 1.2.2 Thermodynamics; 1.2.3 Kinetics; 1.2.4 Steric Effects; 1.3 Biological Roles of Multivalent Ligands; 2 Multivalent Molecules Applied to Viral Targets; 2.1 Influenza Virus; 2.1.1 Hemagglutinin; 2.1.1.1 Divalent Sialic Acid 2.1.1.2 Tetraivalent Sialoside2.1.1.3 Dendrimers Presenting Sialosides; 2.1.1.4 Sialic Acid Displayed in Liposomes; 2.1.1.5 Polymerized Liposome Presenting Sialic Acid; 2.1.1.6 Sialic Acid in Langmuir-Blodget Monolayers; 2.1.1.7 Sialic Acid Presented on Biopolymer Surfaces; 2.1.1.8 Poly(acrylamide) Presenting Sialosides; 2.1.1.9 Poly(acrylic acid) Presenting Sialosides; 2.1.1.10 Poly(acrylamide) Presenting C-Sialosides; 2.1.1.11 Postmodification of Activated Polymers; 2.1.1.12

Modes of Action of Polymeric Sialosides; 2.1.1.13 OPTCOL Assay; 2.1.1.14 ter-Poly(acrylic acid) Presenting Sialosides 2.1.1.15 Poly(glutamic acid) Presenting Lysogangliosides 2.1.1.16 Poly (glutamic acid) Bearing Sialic Acid-Containing Trisaccharides; 2.1.1.17 Poly(acrylamide) Bearing Sialic Acid Linked at the C(4) Position; 2.1.1.18 Poly(acrylamide) Tethering 9-O-Acetylsialosides; 2.1.1.19 Neoglycoprotein Displaying Sialic Acids; 2.1.1.20 Natural b-Inhibitors; 2.1.2 Neuraminidase; 2.1.2.1 Poly(glutamic acid) Presenting NA Inhibitors; 2.2 Human Immunodeficiency Virus; 2.2.1 HIV-1 Protease; 2.2.1.1 Divalent Terminal Peptides; 2.2.2 HIV-1 Reverse Transcriptase; 2.2.2.1 Heterodimers Composed of NRTI and NNRTI 2.2.3 Glycoprotein 120 (gp120) on Viral Surfaces 2.2.3.1 Neoglycoprotein-Displaying CD4 Peptide; 2.2.3.2 Galactosyl Ceramide Immobilized on Viral Surfaces; 2.2.3.3 Multivalent Anions; 2.2.3.4 Bivalent Antagonists of CXCR4; 2.2.4 Surface Carbohydrates on HIV; 2.2.4.1 Oligomannose Sugars Present on gp120; 2.2.4.2 Modes of CVN Recognition; 2.3 Rotavirus; 2.4 Polyoma Virus; 2.5 Picorna Virus; 2.6 Respiratory Syncytial Virus; 2.7 Dengue Virus; 2.8 Nucleic Acids of Viruses; 2.8.1 RNA-Protein Interactions; 2.8.1.1 Neomycin B Linked to Acridine; 2.8.1.2 Neamine Linked to Pyrene-Carboxylic Acid 2.8.2 RNA-Enzyme Interactions 2.8.3 Binders to the Minor Groove of Viral DNA; 2.8.3.1 Hairpin-Shaped Polyamide Dimers; 2.8.3.2 H-Shaped Polyamide Dimers; 2.8.3.3 Naturally Occurring Dimers; 2.9 Synthetic Multivalent Vaccines; 2.9.1 Peptide-Based Anti-influenza Vaccines; 2.9.2 Gp41-Based Anti-HIV Vaccine; 2.9.3 Peptide-Based Anti-FMDV Vaccines; 3 Multivalent Molecules Applied to Bacterial Targets; 3.1 Targets in Bacterial Cell Membranes; 3.1.1 D-Ala-D-Ala Peptide Precursors; 3.1.1.1 Mode of Action by Antibiotics of the Vancomycin Class; 3.1.1.2 Dimerization of Glycopeptide Antibiotics 3.1.1.3 Di- and Trivalent Vancomycin

Sommario/riassunto

This book provides basic principles of multivalent interactions found in biological systems as well as an up-to-date and thorough coverage in design concepts, syntheses, and biological activities of multivalent molecules.* Contains practical examples of synthetic multivalent molecules in chemistry, biology, and medicine* Can be used as both a textbook for students and a reference book for libraries and professionals* Includes detailed case studies* Fills a void in current literature through its devotion solely to multivalent molecules

2.	Record Nr.	UNISALENTO991004030879707536
	Titolo	Ptghni/Aruduch /[testi di Francesco Gandolfo, Armen Zarian]
	Pubbl/distr/stampa	Milano : Oemme, 1986
	ISBN	8885822037
	Descrizione fisica	74 p. : ill. ; 27x27 cm.
	Collana	Documenti di architettura armena = Documents of armenian architecture; 16
	Soggetti	Armenia Architettura Chiese
	Lingua di pubblicazione	Armeno Molteplice
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Testi in lingua inglese, italiana, armena.
3.	Record Nr.	UNINA9910816453403321
	Autore	Leigh Andrew
	Titolo	Battlers & billionaires : the story of inequality in Australia / / Andrew Leigh
	Pubbl/distr/stampa	Collingwood, Victoria : , : Redback, , 2013 ©2013
	ISBN	1-922231-04-5
	Descrizione fisica	1 online resource (269 p.)
	Collana	Redback ; ; v.1
	Disciplina	309.194
	Soggetti	Equality - Australia Social classes - Australia Income distribution - Australia Australia Social conditions
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.

Nota di contenuto

Front cover; Copyright; BATTLERS AND BILLIONAIRES; Contents; Introduction; 1. Indigenous Australia to Federation - a Growing Gap; 2. Federation to the 1970's - the Great Compression; 3. The 1980's to Today - the Great Divergence; 4. Drivers; 5. Consequences of Inequality; 6. Mobility; 7. What Do Australians Think about Inequality?; Conclusion: What Is To Be Done?; Acknowledgements; Endnotes

Sommario/riassunto

Is Australia fair enough? And why does inequality matter anyway? In *Battlers and Billionaires*, Andrew Leigh weaves together vivid anecdotes, interesting history and powerful statistics to tell the story of inequality in this country. This is economics writing at its best. From egalitarian beginnings, Australian inequality rose through the nineteenth century. Then we became more equal again, with inequality falling markedly from the 1920's to the 1970's. Now, inequality is returning to the heights of the 1920's. Leigh shows that while inequality can fuel growth, it also poses dangers to society.
