1. Record Nr. UNISA996216232703316

Titolo	ESR review
Pubbl/distr/stampa	Provo, Utah, : Economic Self-Reliance Center and the Marriott School of Management, 2006-
ISSN	1933-9038
Disciplina	332
Soggetti	Microfinance Microfinance - Developing countries Periodicals. Developing countries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Title from publishers website.

2. Record Nr. UNINA9910779515103321

Titolo	Circular dichroism [[electronic resource]] : theory and spectroscopy / / David S. Rodgers, editor
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2012
ISBN	1-61209-199-7
Descrizione fisica	1 online resource (514 p.)
Collana	Biochemistry research trends Chemical engineering methods and technology
Altri autori (Persone)	RodgersDavid S
Disciplina	541.7
Soggetti	Circular dichroism DNA-binding proteins
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	""CIRCULAR DICHROISM ""; ""CIRCULAR DICHROISM ""; ""CONTENTS ""; ""PREFACE""; ""THE CD SPECTRA OF DOUBLE-STRANDED DNA LIQUID-

CRYSTALLINE DISPERSIONS ""; ""ABSTRACT ""; ""INTRODUCTION"";
""PART 1. THE DOUBLE-STRANDED DNA LIQUID CRYSTALS AND LIQUID-CRYSTALLINE DISPERSIONS ""; ""1.1. The DNA Liquid-Crystalline Phases ""; ""1.2. The Formation and Properties of the Double-Stranded DNA Liquid-Crystalline Dispersions in Polymer-Containing Water-Salt Solutions ""; ""PART 2. THE PECULIARITIES OF THE CD SPECTRA OF DOUBLE-STRANDED DNA LIQUID-CRYSTALLINE DISPERSIONS AND THEIR COMPLEXES""
""2.1. The CD Spectra of Various Types of Double-Stranded DNA Liquid-Crystalline Dispersions """"2.1.1. A Few Practically Important Consequences From the Theory ""; ""2.1.1.1. Ds DNA Molecules of Low-Molecular Mass ""; ""2.1.1.2. The New Qualitative Results ""; ""2.1.1.3. In the case of DNA CLCD with Constant D Value the Influence of Pitch (P) of the Cholesteric Helix on the Amplitude of the Band in the CD Spectrum Was Established ""; ""2.1.1.4. Structure of a Quasinematic Layer Formed by ds DNA Molecules ""
""2.2. The CD Spectra of CLCDs Formed by Double-Stranded DNA Molecules Under Various Conditions """"2.2.1. The Amplitude of the Intense Band in a CD Spectrum Depends on the Length of the ds DNA Molecules Used for Formation of CLCDs.""; ""2.2.2. The Amplitude of the Band in the CD Spectrum Depends on Properties of the Solvent, Determined by Concentration of PEG (CPEG), in a Complex Manner (Figure 16) ""; ""2.2.3. The Effectiveness of Formation of DNA CLCDs Depends on the Nature of the Cations and Not on the Nature of Anions Present In Solution [52] ""
""2.2.4. In Framework of the Above Theoretical Considerations There is a Very Important Question Regarding the Role of the Secondary Structure of Nucleic Acids in an Appearance of Intense Bands in the CD Spectra """"2.3. The CD Spectra of the CLCD Formed by ds DNA Molecules First Treated with Compounds Carrying Positively Charged Groups ""; ""2.3.1. The CD Spectra of the CLCD Formed by ds DNA Molecules First Treated with Colored Cationic Intercalator ""; ""2.3.2. The CD Spectra of the CLCD Formed by Ds DNA Molecules First Treated with Polycation ""
""PART 3. THE CD SPECTRA AT a€?LIQUID-RIGIDa€? STRUCTURAL TRANSITION IN THE PARTICLES OF THE DOUBLE-STRANDED DNA CLCD """"3.1. The CD Spectra of the a€?Rigida€? CLCDs Containing Nanobridges between Neighboring Double-Stranded DNA Molecules ""; ""3.2. The CD Spectra of the a€?Rigida€? CLCDs Formed by (DNA-Gadolinium) Complexes ""; ""CONCLUSION ""; ""ACKNOWLEDGMENT ""; ""REFERENCES ""; ""VIBRATIONAL CIRCULAR DICHROISM STUDIES OF BIOLOGICAL MACROMOLECULES AND THEIR COMPLEXES ""; ""ABSTRACT ""; ""1. INTRODUCTION ""; ""2. ORIGIN OF VIBRATIONAL SPECTRA ""
""3. THEORETICAL BACKGROUND OF VCD SPECTROSCOPY ""