Record Nr. UNINA9910786706203321 Biophotonics in pathology [[electronic resource]]: pathology at the **Titolo** crossroads / / edited by Stanley Cohen Pubbl/distr/stampa Washington, D.C., : IOS Press, 2013 **ISBN** 1-61499-234-7 Descrizione fisica 1 online resource (356 p.) Collana Studies in health technology and informatics;; v. 185 Altri autori (Persone) CohenStanley Disciplina 616.07 Biophotometry Soggetti **Photonics** 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 indexes. Nota di contenuto Title Page; Preface; Contents; Physics and Engineering Aspects of Cell and Tissue Imaging Systems: Microscopic Devices and Computer Assisted Diagnosis; Advanced Methods in Fluorescence Microscopy; Spectral Imaging in Preclinical Research and Clinical Pathology; Automated Image Interpretation and Computer-Assisted Diagnostics; Optical Coherence Tomography for Rapid Tissue Screening and Directed Histological Sectioning: Nuclear Morphology Measurements with Angle-Resolved Low Coherence Interferometry for Application to Cell Biology and Early Cancer Detection; Magnetic Resonance Microscopy Impedance Measurements in the Biomedical SciencesRaman Scattering in Pathology; Real-Time Pathology Through In Vivo Microscopy; Biophotonics Techniques for Structural and Functional Imaging, In Vivo: Lensfree Computational Microscopy Tools for Cell and Tissue Imaging at the Point-of-Care and in Low-Resource Settings; The Evolution of Anatomic Pathology: New Strategies and Emerging Trends; Subject

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