1. Record Nr. UNINA9910876548103321 Candida and candidiasis / / edited by Richard A. Calderone, Cornelius J. **Titolo** Clancy Pubbl/distr/stampa Washington, DC,: ASM Press, c2012 **ISBN** 1-68367-095-7 1-283-65648-5 1-55581-717-3 Edizione [2nd ed.] Descrizione fisica 1 online resource (544 p.) Altri autori (Persone) CalderoneRichard A. <1942-> ClancyCornelius J Disciplina 616.969 Soggetti Candidiasis Candida 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 Cover; Contents; Contributors; Preface; 1 Candida: What Should Clinicians and Scientists Be Talking About?; SECTION I: THE ORGANISMS, THEIR GENOMICS, AND VARIABILITY; 2 An Introduction to the Medically Important Candida Species; 3 Comparative Genomics of Candida Species; 4 The Genetic Code of the Candida CTG Clade; 5 Genome Instability and DNA Repair; 6 Switching and Mating; 7 Detection and Clinical Significance of Variability among Candida Isolates; 8 Cell Cycle and Growth Control in Candida Species; SECTION II: HOST-PATHOGEN INTERACTIONS (THE HOST); 9 Immunology of **Invasive Candidiasis** 10 Mucosal Immunity to Candida albicans11 Innate Immunity to Candida Infections; 12 Vaccines and Passive Immunity against Candidiasis; 13 Salivary Histatins: Structure, Function, and Mechanisms of Antifungal Activity; SECTION III: HOST-PATHOGEN INTERACTIONS THE PATHOGEN); 14 The Cell Wall: Glycoproteins, Remodeling, and Regulation: 15 Stress Responses in Candida: 16 Adhesins in Opportunistic Fungal Pathogens; 17 Encounters with Mammalian Cells: Survival Strategies of Candida Species; 18 Gene Expression during the

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Sommario/riassunto

The underlying mechanisms of Candida and candidiasis and promising new directions in drug discovery and treatment.