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Nota di contenuto	Intro -- MANNOSE-BINDING LECTIN IN THE INNATE IMMUNE SYSTEM -- MANNOSE-BINDING LECTIN IN THE INNATE IMMUNE SYSTEM -- CONTENTS -- PREFACE -- INTRODUCTION -- 1. MANNOSE BINDING LECTIN (MBL) CHARACTERISTICS -- 1a. MBL2 Gene and Protein Structure -- 1b. MBL2 Transcription and Translation -- 2. MBL FUNCTIONS -- 2a. Activation of Complement -- 2b. Opsonophagocytosis -- 2c. Modulation of Inflammation -- 2d. Recognition of Altered Self and Apoptosis -- 2e. Other MBL Functions -- 3. MBL2 GENE POLYMORPHISM -- 3a. MBL2 Variants and Allelic Haplotypes -- 3b. Worldwide Distribution of MBL2 Haplotypes -- MBL2 ASSOCIATION WITH DISEASES -- 1. POSITIVE ASSOCIATION OF MBL DEFICIENCY WITH DISEASES -- 1a. Otitis Media and other Pediatric Infections -- 1b. Meningitis -- 1c. Mycoplasma Infection -- 1d. Emergent Viral Infection -- 1e. Fungal Infections -- 1f. Malaria -- 1g. Neutropenia -- 1h. Hepatitis B -- 1i. HIV Infection -- 1j. Cystic Fibrosis -- 1k. Systemic Inflammatory Response Syndrome -- 1l. Cardiovascular Diseases -- 1m. Systemic Lupus Erythematosus -- 1n. Gastrointestinal Diseases -- 2. NEGATIVE ASSOCIATION OF MBL DEFICIENCY WITH DISEASES -- 2a. Leprosy -- 2b. Tuberculosis -- 2c. Leishmaniasis -- 2d. Hepatitis C -- 2e. Rheumatic Heart Disease -- 2f. Rheumatoid Arthritis -- 2g. Ischemia/Reperfusion Injury -- 2h. Other Diseases -- 3. MBL AND HETEROZYGOTE ADVANTAGE -- 4. MBL THERAPY -- CONCLUSION --

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Sommario/riassunto

Mannose-binding lectin (MBL) is a plasma protein with a role in the innate immune system. This text summarises the understanding of human MBL biology and introduces the general aspects of the structure, function and genetics of MBL, as well as an analysis of the role of MBL in the predisposition to clinically relevant diseases.