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| Nota di contenuto | Antigen Presenting Cells; Contents; Preface; Acknowledgments; List of Contributors; List of Abbreviations; Color Plates; Part I Antigen Presentation in the Immune System; 1 Some Old and Some New Findings on Antigen Processing and Presentation; 1.1 Introduction; 1.2 HEL Processing; 1.3 Selection of Peptide Segments of HEL; 1.4 HEL: Conformational Isomers; 1.4.1 Biology of Type B T Cells; 1.5 Negative Selection and Peripheral Activation to HEL Peptides; 1.6 Response to HEL Immunization in the Draining Lymph Node; Part II Molecular Mechanisms of Antigen Processing 2 Antigen Entry Routes - Where Foreign Invaders Meet Antigen Presenting Cells2.1 Introduction; 2.2 Antigen Entry via the Gastrointestinal Tract; 2.2.1 Peyer's Patches; 2.2.2 Mesenteric Lymph |

Node; 2.2.3 Dendritic Cells of the Lamina Propria; 2.2.4 Pathogens Target Intestinal Antigen Presenting Cells; 2.3 Antigen Entry via the Skin; 2.4 Systemic Dissemination of Antigens/Infectious Microorganisms; 2.5 Antigen Presenting Cells in the Liver; 2.5.1 Dendritic Cells; 2.5.2 Kupffer Cells; 2.5.3 Liver Sinusoidal Endothelial Cells; 2.6 Conclusion

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Sommario/riassunto

This novel, multidisciplinary handbook highlights recent evidence that antigen presenting cells (APCs) are not only key players in the initiation or prevention of an antigen-specific T lymphocyte-mediated adaptive immune response, but also critical regulators and integrators in the interplay between our innate and adaptive immune system. Structured in a clear way to allow access to a very broad readership, the book is written from the viewpoint of a biochemist, immunologist, and scientist with experience in drug development. It covers all cell types involved in antigen presentation, providi
