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| 1. Record Nr. | UNINA9910416100203321 |
| Titolo | Inducible Lymphoid Organs // edited by Kenji Kabashima, Gyohei Egawa |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020 |
| ISBN | 3-030-51747-0 |
| Edizione | [1st ed. 2020.] |
| Descrizione fisica | 1 online resource (VII, 160 p. 1 illus.) |
| Collana | Current Topics in Microbiology and Immunology, , 2196-9965 ; ; 426 |
| Disciplina | 612.42 |
| Soggetti | Immunology Diseases Cancer Human physiology Cancer Biology Human Physiology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Basics of Inducible Lymphoid Organs -- Role of iBALT in respiratory immunity -- Chronic inflammation in mucosal tissues: Barrier integrity, inducible lymphoid tissues, and immune surveillance -- Role of lymphoid structure in skin immunity -- Memory lymphocyte clusters in genital immunity: Role of tissue-resident memory T cells (TRM) -- Ectopic lymphoid tissue in Rheumatoid Arthritis -- Artificial construction of immune tissues/organoids and their application for immunological intervention. |
| Sommario/riassunto | This book sheds new light on "inducible" lymphoid organs (ILOs): antigen presentation sites that are generated de novo in peripheral tissues under various pathogenic conditions. Accomplished immunologists demonstrate that the physiological role of these ILOs is completely different from that of central lymphoid organs, i.e., the lymph nodes or spleen. In addition to the central organs, the ILOs are considered essential structures for the efficient elicitation of adaptive immune responses in lesions. The respective chapters highlight examples from multiple sites, e.g. the skin, lung, intestinal tract, |

genital tract, the synovial membrane of the joints and artificial lymph nodes. Accordingly, readers will learn that ILO structure and function can vary substantially, depending on the context. Presenting the results of the latest immunological research, the book offers a fascinating and insightful read for both scientists and clinicians in the areas of infectious and immune-associated diseases.
