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Titolo	Immunology of the Female Genital Tract / / by Ernst Rainer Weissenbacher, Monika Wirth, Ioannis Mylonas, William J. Ledger, Steven S. Witkin
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Descrizione fisica	1 online resource (268 p.)
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Soggetti	Gynecology Immunology Dermatology Urology Midwifery
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Fundamentals of immunology: Concepts of innate and specific immunity -- Mucosal immunology -- General immunology of the genital tract: Distinct features of the genital mucosal tissue -- Functions and regulation of innate immune responses in the human reproductive tract -- Functions and regulation of adaptive humoral and cell-mediated immunity in the female genital tract -- Immunization studies -- Immunology of menstruation – menstruation as an inflammatory process -- Immunology of genital tract infections: Viral infections of the genital tract -- Bacterial infections of the genital tract -- Candidiasis -- Trichomoniasis -- Immunology in reproductive medicine: Immunology of pregnancy -- Immunologic infertility -- Immunocontraceptive approaches.
Sommario/riassunto	The mucosal immune system in the female reproductive tract has evolved to meet the unique requirements deriving from the need to deal with sexually transmitted bacterial and viral pathogens, allogeneic spermatozoa, and the immunologically distinct fetus. Despite years of immunologic investigation, the mechanisms that regulate this mucosal

immune system have received relatively little attention. This is due to the complexities of the immune and endocrine system and also the difficulties of conducting experiments in this field. This book systematically reviews and discusses recent studies and articles on the immunology of female genital tract tissue. The scope is broad, encompassing innate immune responses, adaptive (humoral and cell-mediated) immunity, the immunology of menstruation, the immunology of viral and bacterial infections, the immunology of normal and abnormal pregnancy, and immunological infertility. Throughout, tables and illustrations are judiciously used to facilitate understanding. Immunology of the Female Genital Tract will serve as an invaluable source of up-to-date information for all with an interest in this subject.

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