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Titolo	Applied Immunohistochemistry in the Evaluation of Skin Neoplasms // edited by Jose A. Plaza, Victor G. Prieto
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ISBN	3-319-30590-5
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (IX, 385 p. 264 illus., 159 illus. in color.)
Disciplina	616.07
Soggetti	Pathology Dermatology Diagnosis, Laboratory Laboratory Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Immunohistology and Molecular Studies of Epithelial Tumors -- Immunohistology and Molecular Studies of Sweat Gland Tumors -- Immunohistology and Molecular Studies of Follicular Tumors -- Use of Immunohistochemical and Molecular Studies in the Evaluation of the Sebaceous Neoplasms -- Cutaneous Metastasis -- Immunohistology and Molecular Studies of Fibrohistiocytic and Myofibroblastic Cutaneous Tumors -- Immunohistology and Molecular Studies of Smooth Muscle and Neural Cutaneous Tumors -- New Insights in Vascular Lesions Development and Identification with Immunohistochemical Markers -- Immunohistology and Molecular Studies of Cutaneous B-cell Lymphomas -- Immunohistology and Molecular Studies of Cutaneous T-cell Lymphomas and Mimics -- Immunohistology of Leukemia Cutis and Histiocytic Tumors -- Immunohistology of Melanocytic Lesions -- Molecular Studies of Melanocytic Lesions -- Sentinel Lymph Node in Melanoma.
Sommario/riassunto	This book provides a comprehensive, state-of-the-art account of the role of immunohistochemistry in the diagnosis of skin tumors, which is crucial given that overlapping histologic features and unusual morphologic changes can lead to considerable diagnostic uncertainty.

The book reviews in detail the sensitivity and specificity of commonly available antibodies and their pattern of immunostaining. Readers will learn when to order antibodies and how to interpret findings. In addition, prognostic markers are evaluated and emphasis placed on the pitfalls commonly encountered when evaluating these neoplasms. The informative text is complemented by a wealth of superb images. Helpful histograms and algorithms are included, and clear guidance is provided on the application and interpretation of less commonly used antibodies and immunostains. With the emergence of many immunomarkers, immunohistochemistry has become a vital ancillary diagnostic tool in dermatopathology and an essential adjunct for the correct identification of skin neoplasms. Indeed, immunohistochemistry has replaced simple morphologic evaluation as the definitive diagnostic method for various tumor types. The complexity of some skin neoplasms makes it imperative that the role of immunohistochemistry in subtyping these conditions is clearly understood. Against this background, Applied Immunohistochemistry in the Evaluation of Skin Neoplasms will serve as an extremely valuable resource for practicing dermatopathologists and pathologists.

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