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-- Solar Ultraviolet Exposure and Mortality from Skin Tumors -- Ultraviolet Radiation and Cutaneous Malignant Melanoma -- Sun Exposure and Melanomas on Sun-Shielded and Sun-Exposed Body Areas -- Sunlight, Vitamin D and Malignant Melanoma: An Update -- Ultraviolet Exposure Scenarios: Risks of Erythema from Recommendations on Cutaneous Vitamin D Synthesis -- Ultraviolet-Radiation and Health: Optimal Time for Sun Exposure -- Sunscreens -- Sunscreens in the United States: Current Status and Future Outlook -- Health Initiatives for the Prevention of Skin Cancer -- Optimal Serum 25-Hydroxyvitamin D Levels for Multiple Health Outcomes.

Sommario/riassunto

The goal of this volume is to comprehensively cover a highly readable, updated and extended, overview on our present knowledge of positive and negative effects of UVexposure, with a focus on vitamin D and skin cancer. Topics that are discussed indepth by leading researchers and clinicians range from the newest findings in endocrinology, epidemiology, histology, photobiology, immunology, cytogenetics and molecular pathology to new concepts for prophylaxis and treatment. Experts in the field as well as health care professionals not intimately involved in these specialized areas are provided with the most significant and timely information related to these topics. It is the aim of the second edition of this book to summarize essential uptodate information for every clinician or scientist interested in how to balance between positive and negative effects of UVexposure to minimize the risks of developing vitamin D deficiency and skin cancer.