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Titolo	Shedding the Polarized Light on Biological Tissues / / by Igor Meglinski, Liliya Trifonyuk, Victor Bachinsky, Oleh Vanchulyak, Boris Bodnar, Maxim Sidor, Olexander Dubolazov, Alexander Ushenko, Yurii Ushenko, Irina V. Soltys, Alexander Bykov, Benjamin Hogan, Tatiana Novikova
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Nota di contenuto	Introduction -- Methods and means of polarization correlation -- Material and methods -- polarization-inhomogeneous field -- Polarization correlometry -- Multifunctional stocks-correlometry of biological layers -- Main results and conclusions. .
Sommario/riassunto	This book explores the early-stage detection of cancer using polarized light. It discusses the diverse properties of the light (temporal and spatial coherence, polarization, fluorescence, etc.) that can be used non-invasively as an optical technique for recognizing precancerous lesions, which could become a reliable and accurate method for cancer screening. The search for the effective means for cancer screening is of particular interest to scientific and medical communities, because cancer takes its toll around the globe with no respect for age or

gender. Early detection of the disease is a key factor in increasing the survival rate and patients' quality of life.
