



Introduction to Biophotonics (Hardback)

By Paras N. Prasad

John Wiley and Sons Ltd, United States, 2003. Hardback. Book Condition: New. New.. 236 x 157 mm. Language: English. Brand New Book. Paras Prasad s text provides a basic knowledge of a broad range of topics so that individuals in all disciplines can rapidly acquire the minimal necessary background for research and development in biophotonics. Introduction to Biophotonics serves as both a textbook for education and training as well as a reference book that aids research and development of those areas integrating light, photonics, and biological systems. Each chapter contains a topic introduction, a review of key data, and description of future directions for technical innovation. Introduction to Biophotonics covers the basic principles of* Optics * Optical spectroscopy * Microscopy Each section also includes illustrated examples and review questions to test and advance the reader s knowledge. Sections on biosensors and chemosensors, important tools for combating biological and chemical terrorism, will be of particular interest to professionals in toxicology and other environmental disciplines. Introduction to Biophotonics proves a valuable reference for graduate students and researchers in engineering, chemistry, and the life sciences.



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