



# Photobiology: The Science of Light and Life

From Springer



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The new edition of this authoritative text provides an interdisciplinary treatise of all aspects of the interactions between light and the living world. It starts with a description of the physics of light, and how to deal with it in experiments and observations. The phenomena described in the rest of the book covers all organisms: how light is used by organisms for obtaining energy for life processes, for gathering information about the environment, and for communicating with others of the same or other species. The book also describes "bad" effects of light in causing disease or contributing to formation of environmental toxins. New techniques used by scientists to investigate life processes using light are also explored in the volume.

Written by experts in the field, *Photobiology: The Science of Life and Light, 3e* is a valuable and accessible resource for both advanced undergraduates and established researchers.

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## **Editorial Review**

### Review

“This interesting and informative text, edited and largely written by Björn (emer., Lund Univ., Sweden), an expert in many aspects of the photobiology of plants . . . . The treatment of plants and animals is balanced, and useful comparisons and evolutionary relationships are discussed for photoreceptor molecules and processes. . . . Each topic gives sufficient background for non-experts to gain an appreciation of the subject matter. . . . Summing Up: Recommended. Upper-division undergraduates through professionals/practitioners.” (L. C. Davis, *Choice*, Vol. 52 (12), August, 2015)

### From the Back Cover

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