

PHOTOBIOLOGY IN THE 21ST CENTURY: WHAT GOOD IS IT?

Pill-Soon Song

Department of Chemistry, University of Nebraska-Lincoln, USA and Kumho Life & Environmental Science Laboratory, Kwangju, 500-480

Progress in the science of photobiology in the last two decades has been wide ranging and significant. In the perspective's lecture, I will illustrate some aspects of such progress by using my own personal research experiences. Specifically, I will discuss the interactions between light and the organisms in terms of the photoreceptors, their signaling pathways, cellular and organismic responses. To answer the question posed in the title, I will illustrate how basic scientific research in plant photomorphogenesis can be attractively coupled to its biotechnological applications for the benefit of man in the 21st century.

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