

CHAPTER OVERVIEW

15: Photochemistry and Photobiology

Photochemistry is the branch of chemistry concerned with the chemical effects of light. Generally, this term is used to describe a chemical reaction caused by absorption of high energy light. Photobiology is the scientific study of the interactions of the photochemistry of living organisms and includes the study of photosynthesis, visual processing, circadian rhythms, bioluminescence, and ultraviolet radiation effects.

[15.1: Introduction to Photochemistry](#)

[15.2: Photosynthesis](#)

[15.3: Vision](#)

[15.4: Biological Effects of Radiation](#)

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