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Titolo	Photosensitizing compounds [[electronic resource]] : their chemistry, biology and clinical use
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Nota di contenuto	PHOTOSENSITIZING COMPOUNDS: THEIR CHEMISTRY, BIOLOGY AND CLINICAL USE; Contents; Introduction; What are the ideal photoproperties for a sensitizer?; The chemistry, photophysics and photosensitizing properties of phthalocyanines; General discussion : Comparison of haematoporphyrin derivative and new photosensitizers; Porphyrins as photosensitizers; Photodynamic therapy: light delivery and dosage for second-generation photosensitizers; In vivo transport and pharmacokinetic behaviour of tumour photosensitizers; Intracellular localization of photosensitizers Tissue localization of photosensitizers and the mechanism of photodynamic tissue destructionImmunosuppression in phototherapy; Effects of porphyrins on skin; Photosensitizing compounds in the treatment of psoriasis; Extracorporeal photochemotherapy in the treatment of cutaneous T cell lymphoma and autoimmune disorders affecting the skin; Photodynamic therapy of early-stage lung cancer; Long-term experience with integral photodynamic therapy of TIS bladder carcinoma; Photoradiation therapy of brain tumours; Final

	general discussion : Drug and light doses for photodynamic therapy Chairman's summing-upIndex of contributors; Subject index
Sommario/riassunto	Certain organic compounds can become toxic to biological tissue when activated by light. Many medical applications of this effect have been studied over the past twenty years, and This symposium brings together chemists, biologists, and clinicians to discuss the basic chemistry of the sensitizing compounds, their biological effects, and clinical applications in treatments of various cancers and skin disorders.