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Journal of Porphyrins & Phthalocyanines

About the Cover

The 11th International Conference on Porphyrins and Phthalocyanines (ICPP-11) 28 June–3 July, 2021 took the form of a virtual meeting arising from the twice postponed physical conference due to COVID-19 originally planned for Buffalo, New York, USA in June 2020.

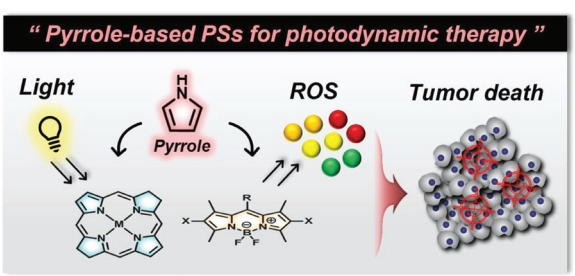
The cover image is a montage of Zoom® video stills of consenting participants in order to create a partial group photo of the ICPP-11 virtual meeting.

A considerable and respectful 441 particpants from 45 different countries contributed for a total of 476 abstracts, which warmed the heart, especially during these difficult times.

A very big thank you to you all for your patience and participation from all the editing team at the JPP Office and we look forward to seeing you all in Madrid 2022 for the reprise of the physical meeting.

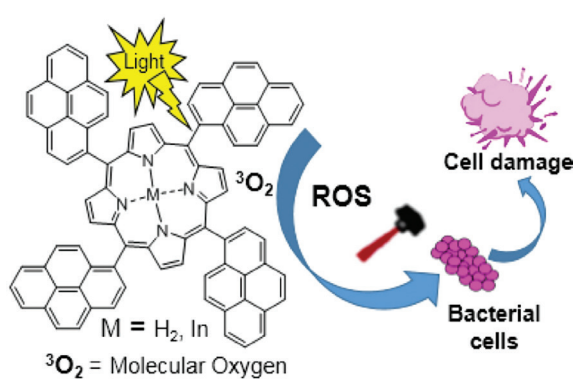
Review

Photodynamic therapy (PDT) is a therapeutic modality that uses light to treat malignant or benign diseases. A photosensitizer, light, and oxygen are the three main components needed to generate a cytotoxic effect. Herein we review pyrrole-based photosensitizers that have been studied for possible use in PDT.



Articles

5,10,15,20-tetra(pyren-1-yl)porphyrin (H_2TPyP) and its indium(III) complex (InClTPyP) were successfully synthesized and characterized. A Soret band of InClTPyP showed a 12 nm red shift when compared to H_2TPyP. The fluorescence quantum yield of InClTPyP was lower than that of H_2TPyP due to the heavy atom effect of In. InClTPyP showed better photoantimicrobial activity compared to the free-base H_2TPyP when tested against *Staphylococcus aureus*.



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