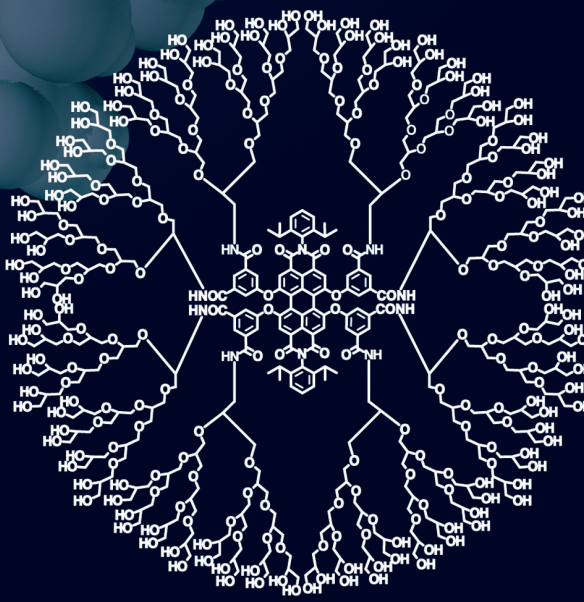
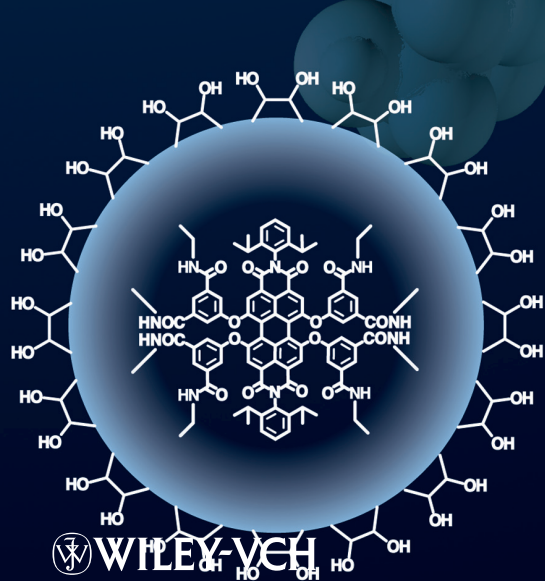


# ADVANCED FUNCTIONAL MATERIALS

## PHOTOSTABILITY

As reported by Si Kyung Yang and Steven C. Zimmerman on page 3023, perylenediimides (PDIs) are encapsulated within polyglycerol dendrons, which confer high water-solubility on the PDIs in aqueous media while retaining their excellent fluorescent properties. The PDI-cored dendrimers retain their fluorescence signals in the presence of a variety of metal ions as fluorescence quenchers. Furthermore, intramolecular cross-linking of the polyglycerol dendrons not only enhances the photostability but also reduces the size of dendrimers.



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