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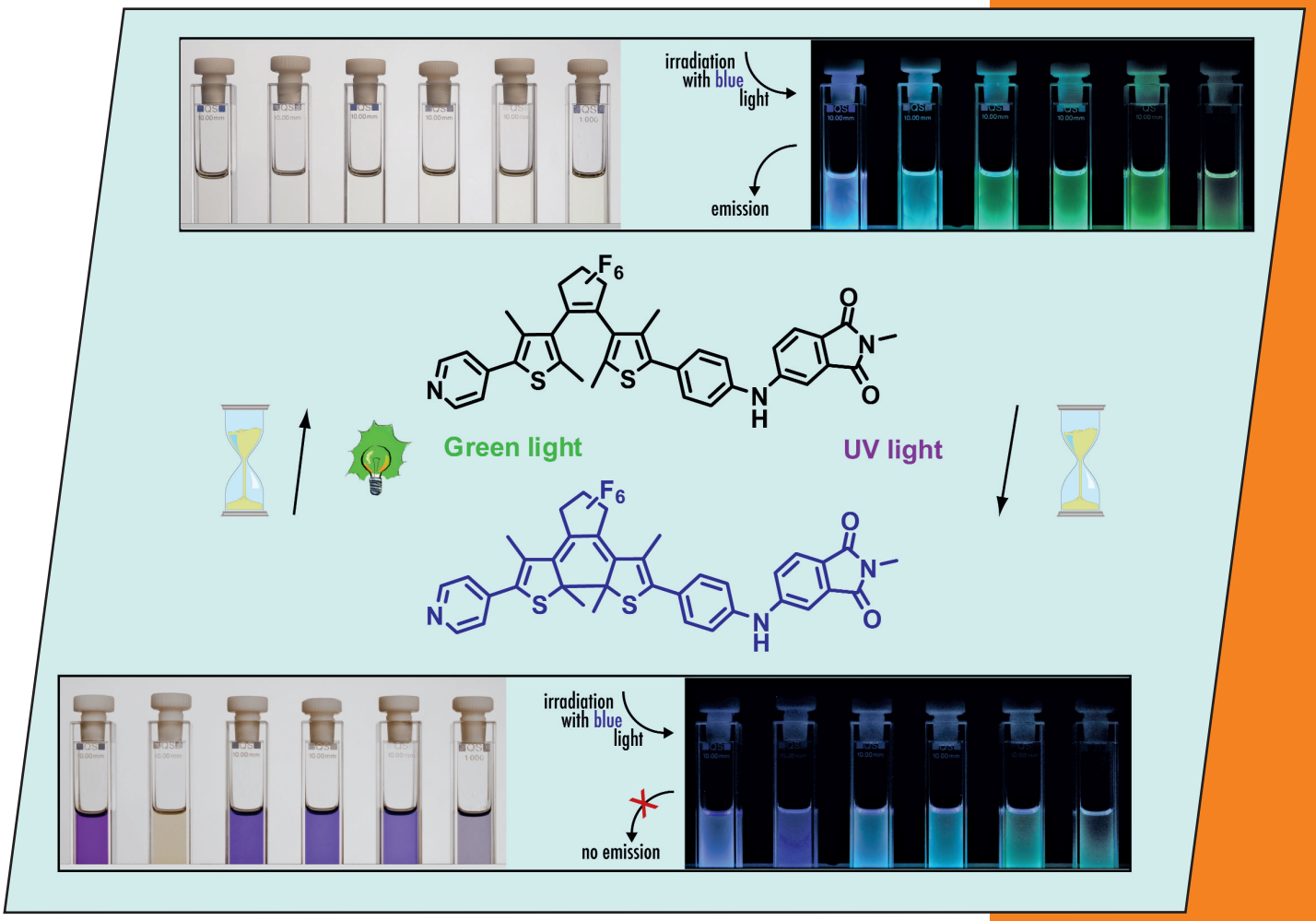

Cover Picture

Mariano L. Bossi et al.

Switchable Fluorescent and Solvatochromic Molecular Probes

Microreview

Makoto Hashimoto and Yasumaru Hatanaka

Recent Progress in Diazirine-Based Photoaffinity Labeling

WILEY-VCH

www.eurjoc.org

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EU ChemSoc

The EUChemSoc Societies have taken the significant step into the future by merging their traditional journals, to form two leading chemistry journals, the *European Journal of Inorganic Chemistry* and the *European Journal of Organic Chemistry*. Three further EUChemSoc Societies (Austria, Czech Republic and Sweden) are Associates of the two journals.

COVER PICTURE

The cover picture shows the light-induced changes of a newly designed photochromic, fluorescent, and solvatochromic compound. The open isomer (top) is colorless and fluorescent. Its emission changes from blue to yellow-green with increasing polarity of the solvent (in the picture: cyclohexane, tetrachloromethane, benzene, toluene, xylene, and dioxane, from left to right). The closed isomer (bottom) is blue and nonemissive (for clarity, the picture was taken with some amount of the open isomer remaining). UV and visible (green) light interconverts both isomers. As a result, the dye provides multiple readout signals: color changes, on/off switching of the fluorescence signal, and the color of the emission that can be used to sense changes in the polarity of the microenvironment. Detailed synthesis and properties are reported in the article by M. L. Bossi et al. on p. 2531ff. Irene Böttcher-Gajewski (MPI for Biophysical Chemistry) is acknowledged for the photographical content of the cover picture.