

RSC Applied Interfaces

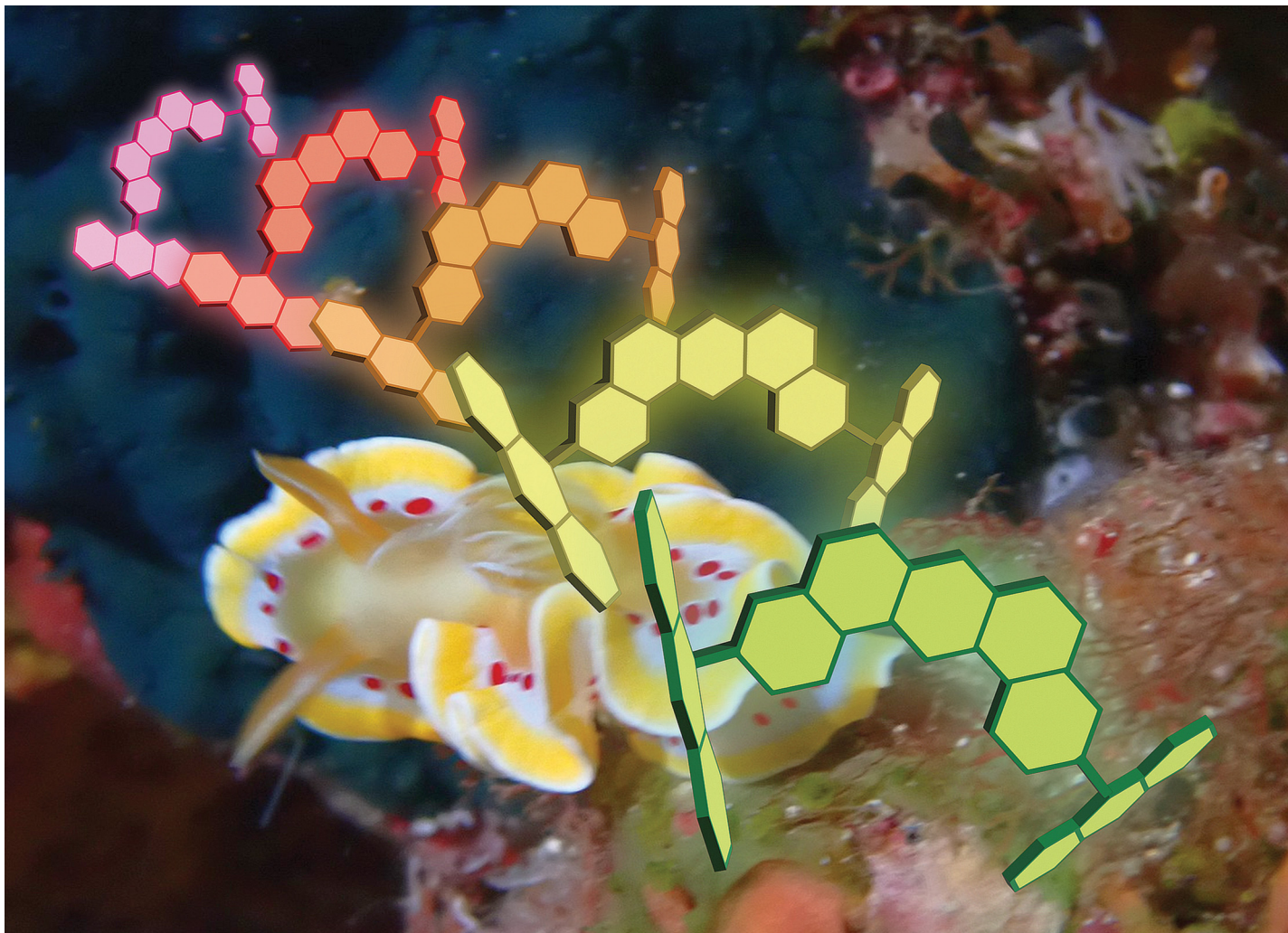
GOLD
OPEN
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**Interfacial and surface research
with an applied focus**

Interdisciplinary and open access

rsc.li/RSCApplInter

**Fundamental questions
Elemental answers**



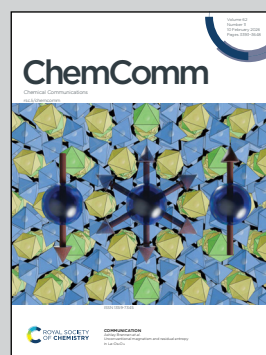
Showcasing research from the laboratories of
**Professor Fukuhara, Institute for Materials Chemistry
 and Engineering, Kyushu University, Japan**

Ratiometric hydrostatic pressure sensing in water *via* dual
 emissions of a water-soluble donor-acceptor-donor triad

The water-soluble donor-acceptor-donor triad, **Dend-MCM**,
 functions as a ratiometric chemosensor for hydrostatic
 pressure. This study lays the groundwork for developing
 molecular scaffolds for microscopic pressure
 sensing/imaging in aqueous media.

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Chem. Commun., 2026, **62**, 3512.

As featured in:



See Youhei Takeda,
 Gaku Fukuhara *et al.*,
Chem. Commun., 2026, **62**, 3512.