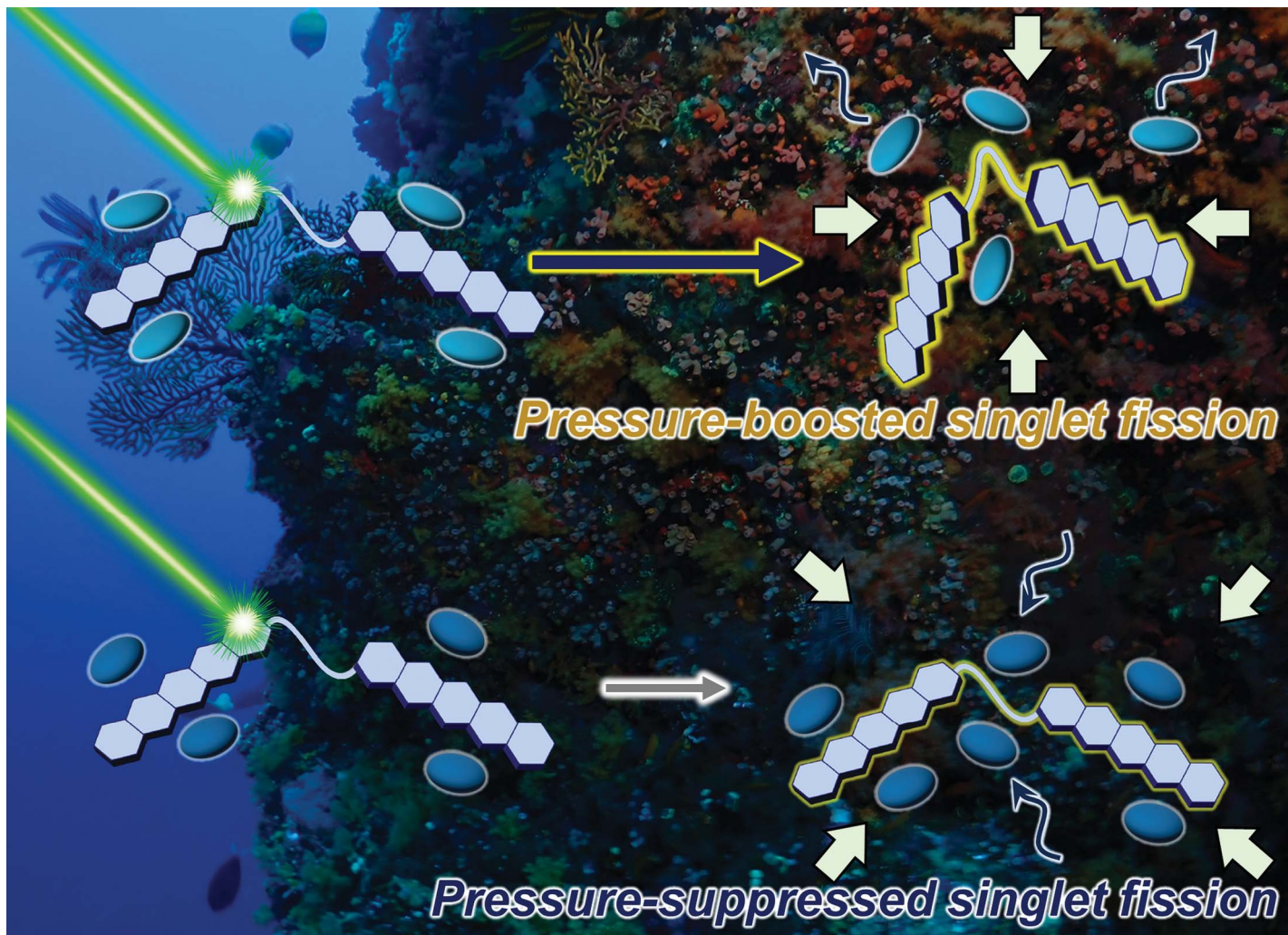




Showcasing research from the laboratories of Professor Fukuhara, Institute for Materials Chemistry and Engineering, Kyushu University, Japan.

Critical molecular design that can actively control intramolecular singlet fission by hydrostatic pressure

In this study, we revealed how and to what extent hydrostatic pressure stimulation affects the singlet fission process by using novel singlet fission materials with flexible linkers. The highlighted results obtained here were the dynamic control of intramolecular singlet fission kinetics and T_1 formation thermodynamics, both of which were achievable *via* this *critical molecular design*.

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See Taku Hasobe, Gaku Fukuhara *et al.*, *Chem. Sci.*, 2025, **16**, 20245.