Cover: The sea anemone Aiptasia (sensu Exaiptasia pallida) is gaining momentum as a model system to study the coral-Symbiodinium symbiosis that provides the foundation of coral reef ecosystems. The easy maintenance, rapid proliferation, inexpensive rearing, and genetic tractability of Aiptasia makes it popular with laboratories globally. The picture shows a so-called apsymbiotic Aiptasia, i.e. an anemone without any symbionts. The bright orange color comes from the feeding of brine shrimp, which provides a source of energy for apsymbiotic anenomes. Having the option of rearing apsymbiotic anenomes and the possibility to (re-)infect them with different symbiont types promises leaps in our understanding of the intricacies of the cnidarian host-symbiont relationship. In this issue, Gegner et al. (p. 1943), show that high salinity can convey thermotolerance in symbiotic Aiptasia, potentially providing an important piece to our understanding of what contributes to coral thermal resilience. Image provided by Hagen M. Gegner and licensed under a Creative Commons Attribution 4.0 International licence.

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