

A Journal of the Gesellschaft Deutscher Chemiker

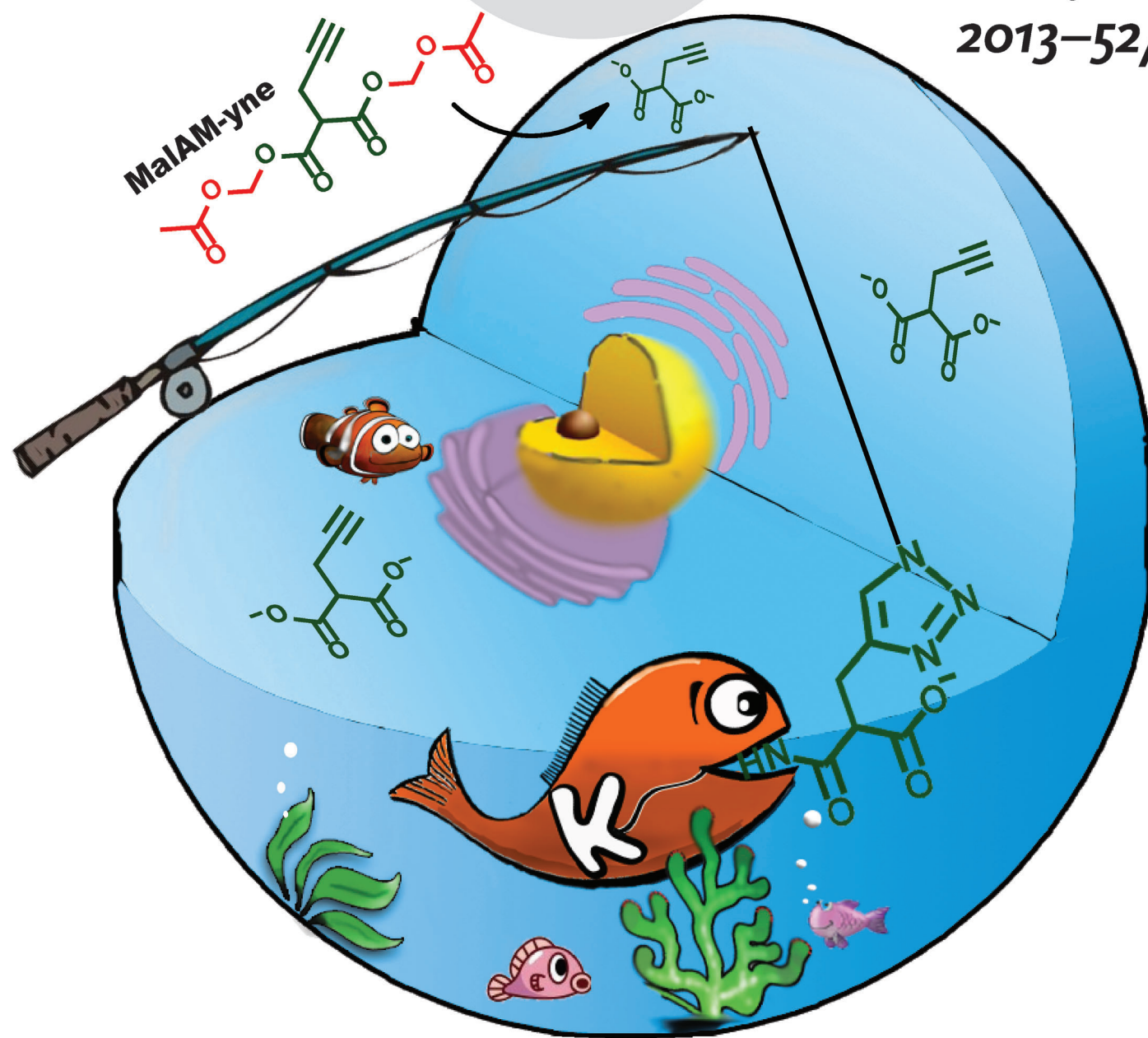
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2013–52/18



Lysine malonylation ...

... is a newly identified posttranslational protein modification, whose cellular functions remain largely unknown. In their Communication on page 4883 ff., Y. M. E. Fung, X. D. Li, and co-workers develop the first chemical reporter, MalAM-yne, to detect malonylation of proteins in living cells. The subsequent bioorthogonal conjugation enables the visualization of the dynamics of malonylation and rapid profiling of malonylated proteins.

125 YEARS **Angewandte** Chemie

WILEY-VCH