

A Journal of the Gesellschaft Deutscher Chemiker

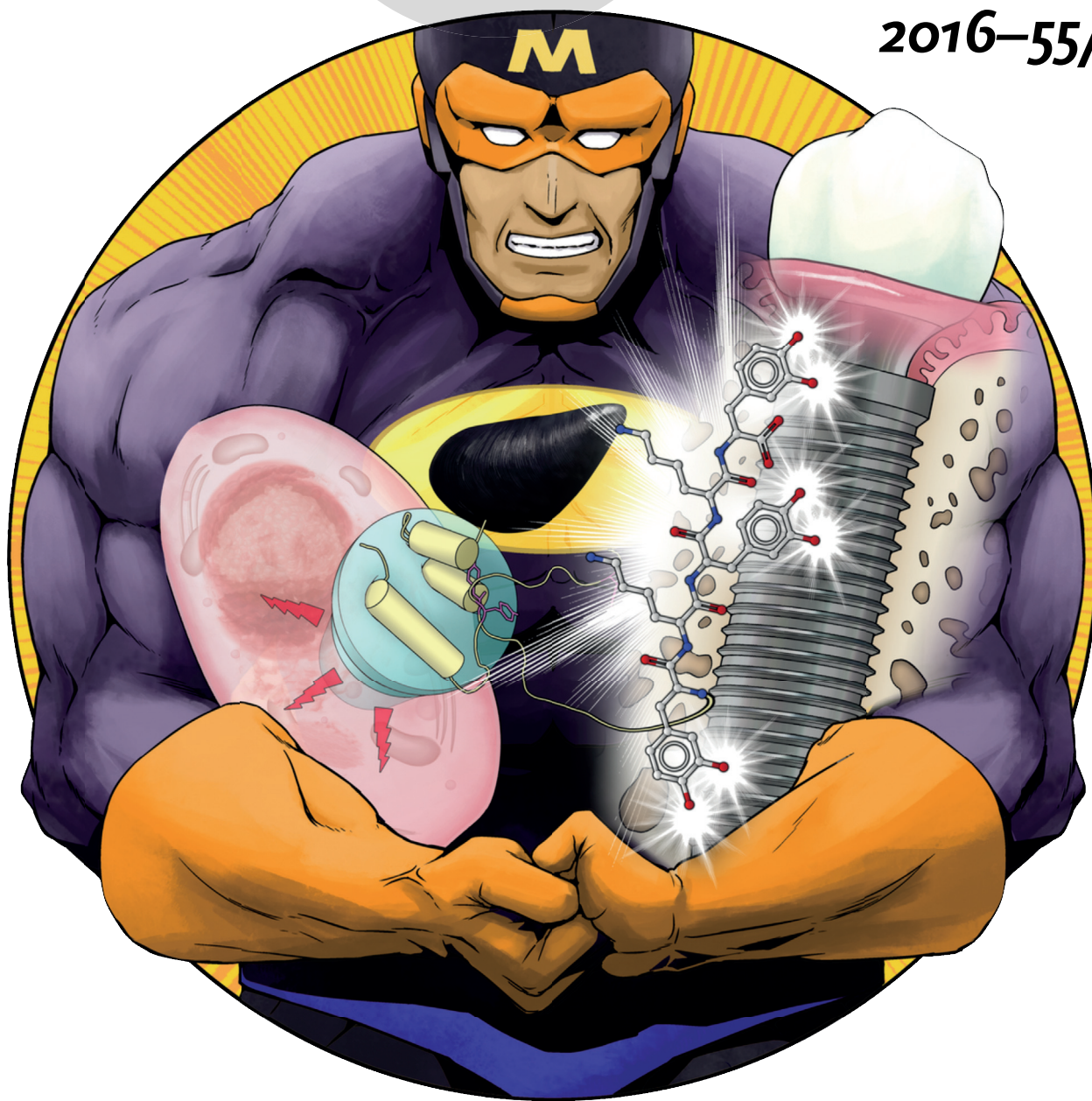
Angewandte Chemie

GDCh

International Edition

www.angewandte.org

2016–55/38



Enhanced cell growth ...

... occurs on a titanium surface modified with insulin-like growth-factor-1 prepared by a bioorthogonal approach combining protein engineering and enzyme modification, as shown by Y. Ito and co-workers in their Communication on page 11447 ff. The picture shows a peptide sequence (center), which is inspired by an underwater adhesion protein (represented as a strong man) secreted by mussels, binding to a dental implant (right) representing titanium-based medical devices, and to a growth factor stimulating a cell through the receptor (left).

WILEY-VCH