

A Journal of the Gesellschaft Deutscher Chemiker

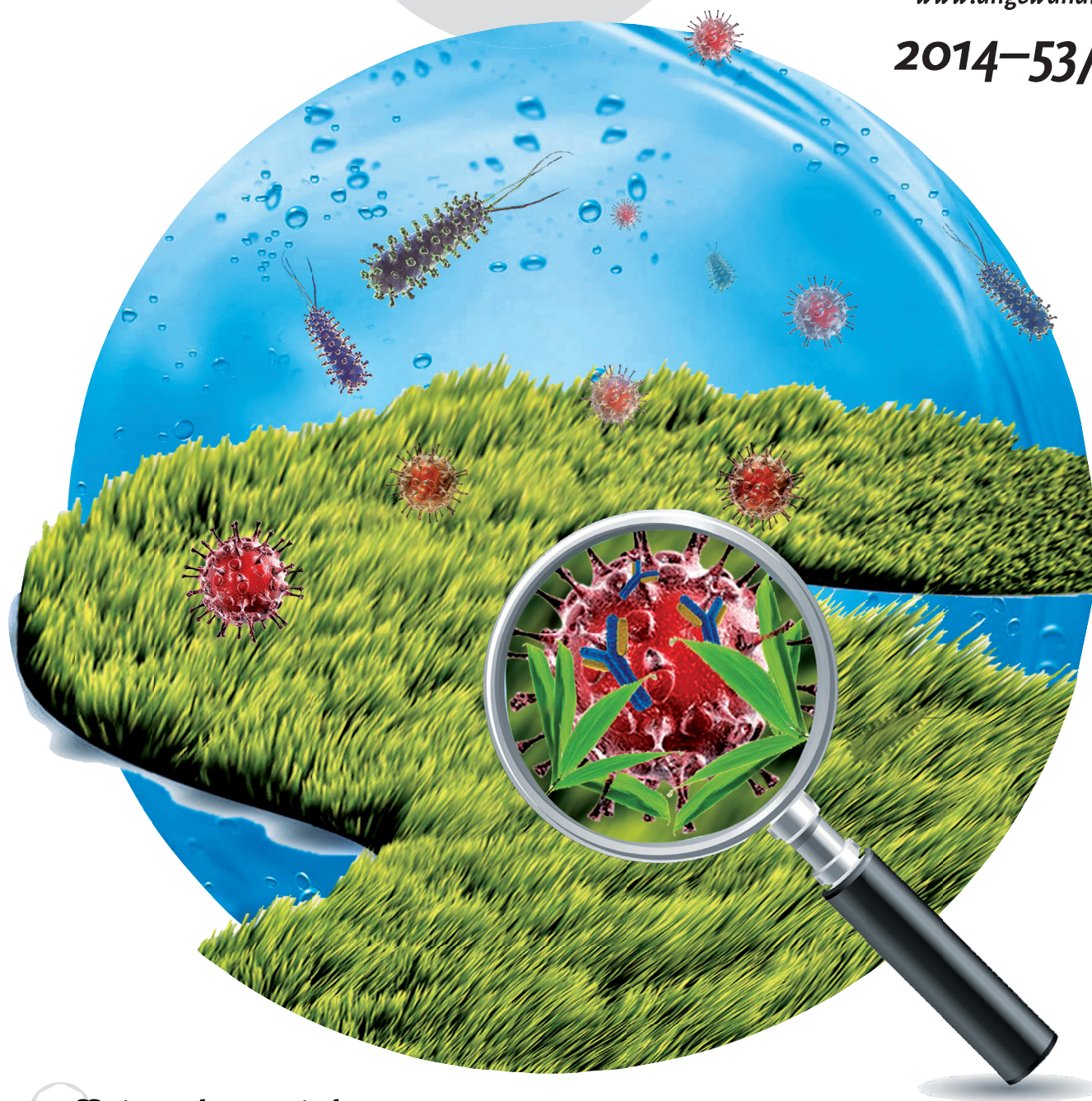
# Angewandte Chemie

GDCh

International Edition

[www.angewandte.org](http://www.angewandte.org)

2014–53/23



## Efficient bacterial capture ...

... was achieved through a method based on the synergistic effect of surface nanotopography and surface chemistry on bacterial attachment. In their Communication on page 5837 ff., X. Chen and co-workers show that packed silicon nanowires functionalized with bacteria-binding molecules show enhanced capture efficiency compared to surface-modified flat silicon and enable highly sensitive detection and efficient elimination of bacterial pathogens.

WILEY-VCH