

A Journal of the Gesellschaft Deutscher Chemiker

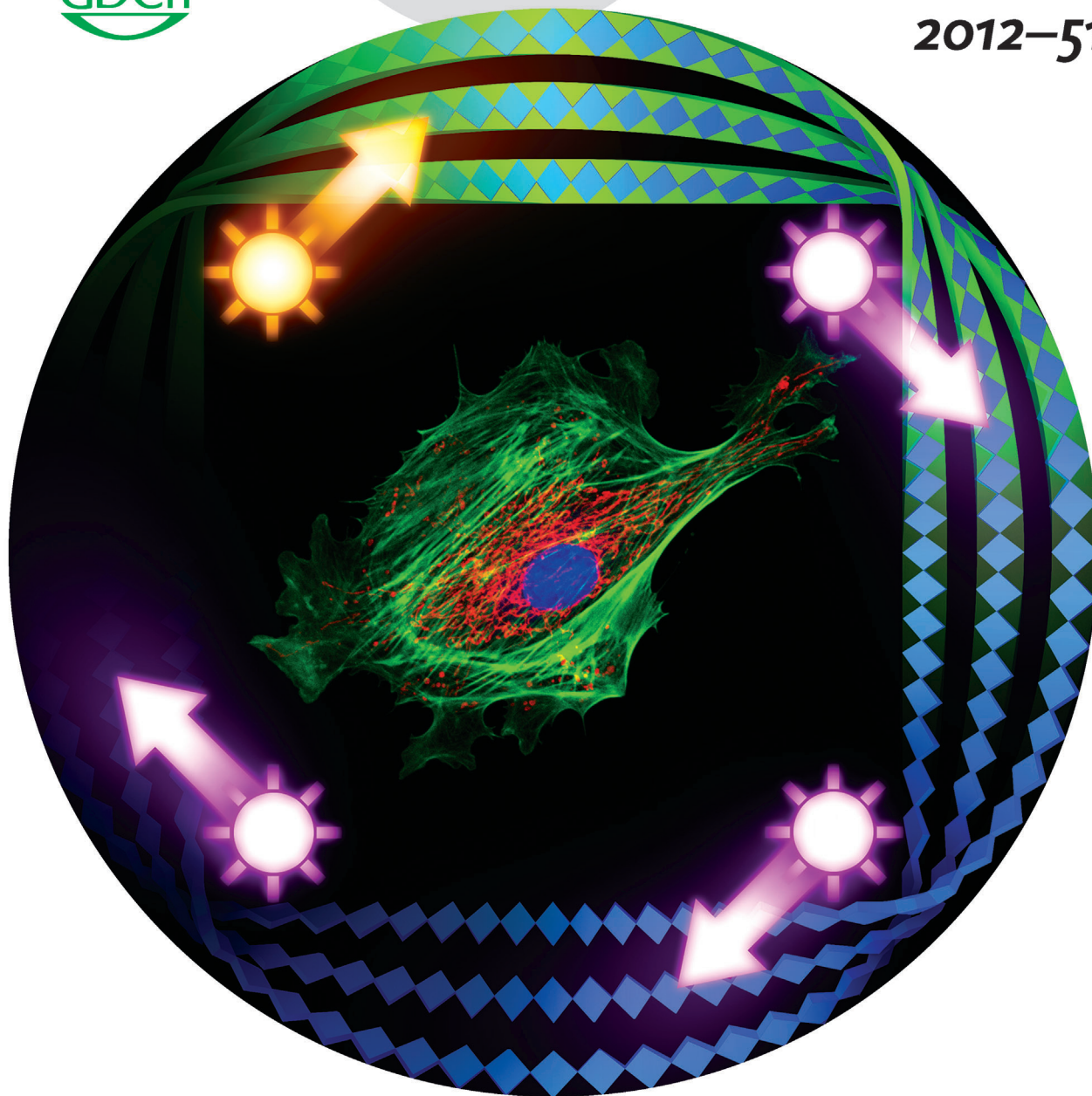
Angewandte Chemie

International Edition



www.angewandte.org

2012–51/8



Reversible biomolecular patterning ...

... in hydrogels can direct cell function in a user-defined manner. In their Communication on page 1816 ff., K. S. Anseth and C. A. DeForest report 4D spatiotemporal control over the presentation of bioligands by using a thiol–ene photoconjugation reaction, which is initiated by visible light, combined with the photocleavage of an *o*-nitrobenzyl ether, which is controlled by UV light. This method allows cell functions to be probed dynamically.