

A Journal of the Gesellschaft Deutscher Chemiker

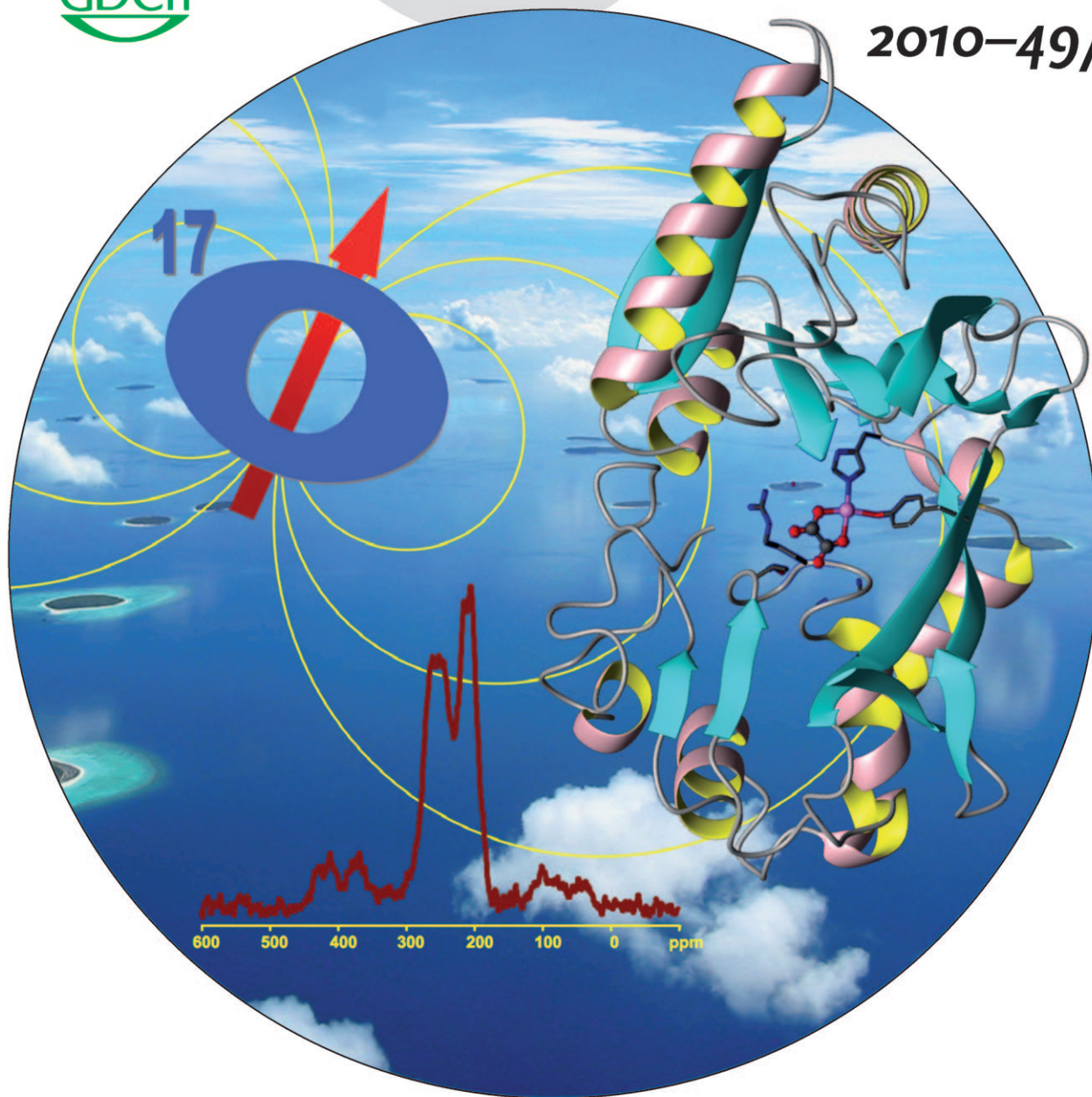
Angewandte Chemie

International Edition



www.angewandte.org

2010–49/45



Large biomolecular systems ...

... have been probed for the first time by solid-state ^{17}O NMR spectroscopy. In their Communication on page 8399 ff., G. Wu and co-workers show that high-quality solid-state ^{17}O NMR spectra can be obtained for large protein–ligand complexes at an ultrahigh magnetic field of 21 T. The sensitivity of solid-state ^{17}O NMR experiments at this field should allow biomolecular systems of up to 300 kDa in size to be tackled.

 WILEY-VCH

Inside Cover

Jianfeng Zhu, Eric Ye, Victor Terskikh, and Gang Wu*

Large biomolecular systems have been probed for the first time by solid-state ^{17}O NMR spectroscopy. In their Communication on page 8399 ff., G. Wu and co-workers show that high-quality solid-state ^{17}O NMR spectra can be obtained for large protein–ligand complexes at an ultrahigh magnetic field of 21 T. The sensitivity of solid-state ^{17}O NMR experiments at this field should allow biomolecular systems of up to 300 kDa in size to be tackled.

