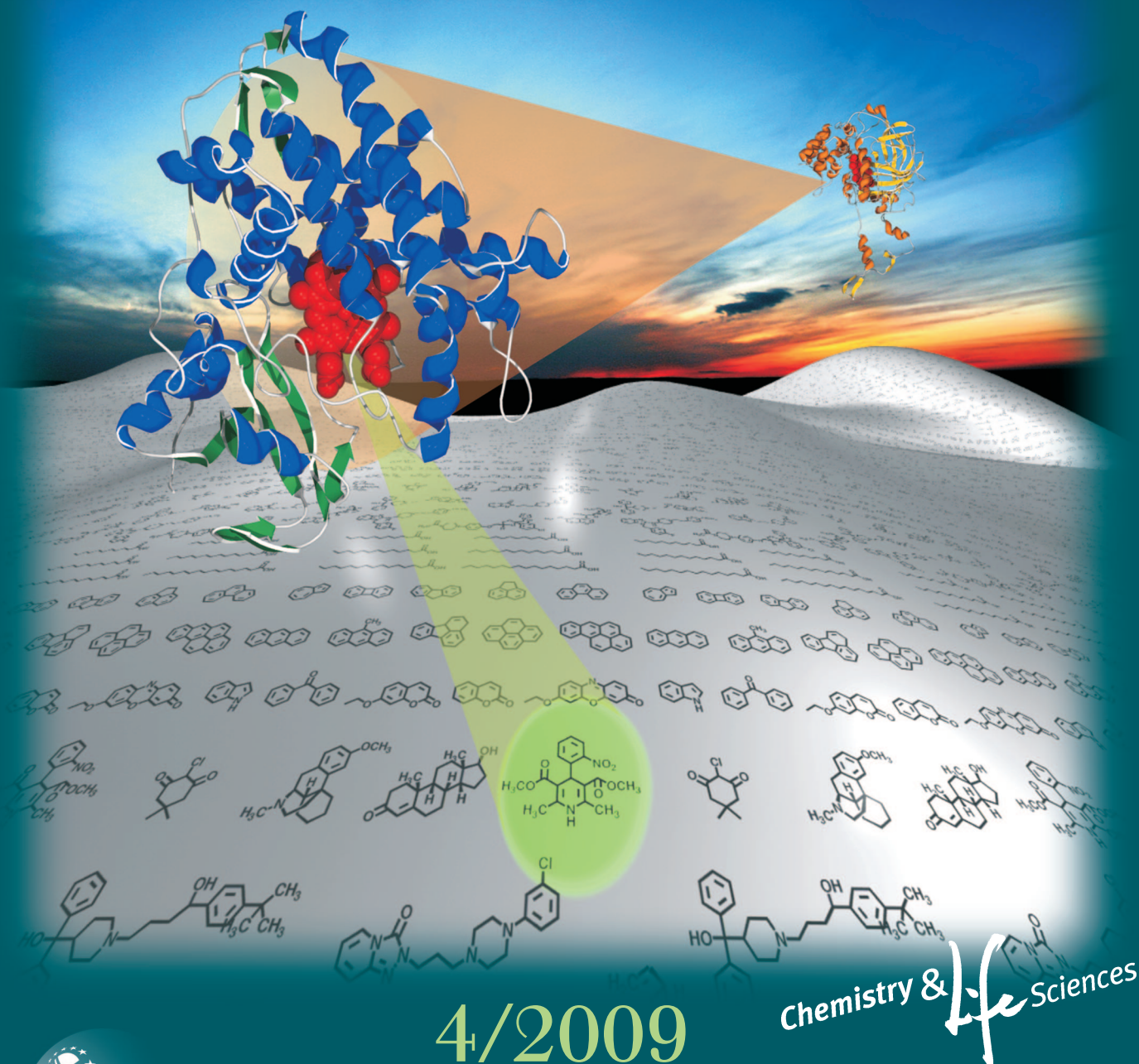


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Volume

## Cover Picture

**Kersten S. Rabe, Mark Spengler, Michael Erkelenz, Joachim Müller, Valerie J. Gandubert, Heiko Hayen, and Christof M. Niemeyer\***

**The cover picture shows** a bacterial cytochrome P450 enzyme (CYP152A1, blue protein) screening for new substrates, such as nifedipine (highlighted green). The identification of novel reactivities of P450 enzymes is of major importance for applications in biocatalysis, biosensing and metabolic engineering. In their contribution on p. 751 ff, Niemeyer et al. report a novel assay for the rapid and facile screening of substrate libraries for organic hydroperoxide-mediated P450 reactivity. Peroxide depletion is monitored in a fluorescence microplate assay, by harnessing a previously undescribed reactivity of the enzyme catalase (orange protein structure). The assay thus connects the occurrence of P450 reactivity with a universal read-out, thereby circumventing the need for substrate-specific detection schemes.

