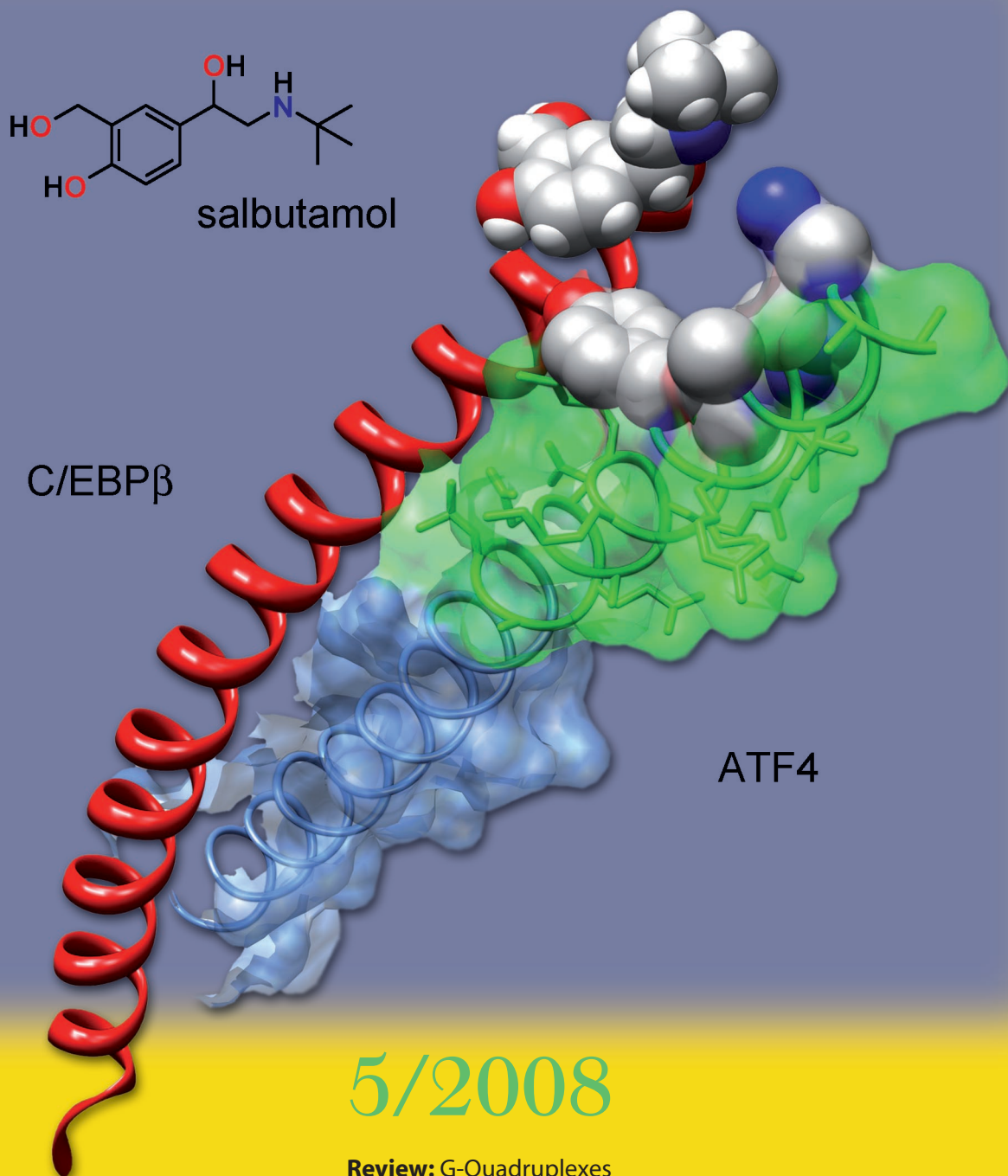


CHEM MED CHEM

CHEMISTRY ENABLING DRUG DISCOVERY



Review: G-Quadruplexes
(Z. Huang, L. Gu)

Minireview: Click Chemistry and Medicinal Chemistry
(J. E. Moses, A. D. Moorhouse)

Cover Picture

Sweta R. Ladwa*, Suzanne J. Dilly, Andrew J. Clark,
Andrew Marsh, and Paul C. Taylor*

The cover picture shows a view from the X-ray crystallographic structure of activating transcription factor, ATF4, showing its molecular surface in a coiled-coil dimer with C/EBP β , depicted in red. The interaction of the sequence highlighted in green with salbutamol is uncovered by S. R. Ladwa et al. on p. 742 ff. using the magic tag[®] chemical genomics approach. Key residues of the known DNA binding motif within this sequence are shown in space-filling representation to highlight how salbutamol, also depicted, might approach and modulate interaction with the nucleic acid target.

