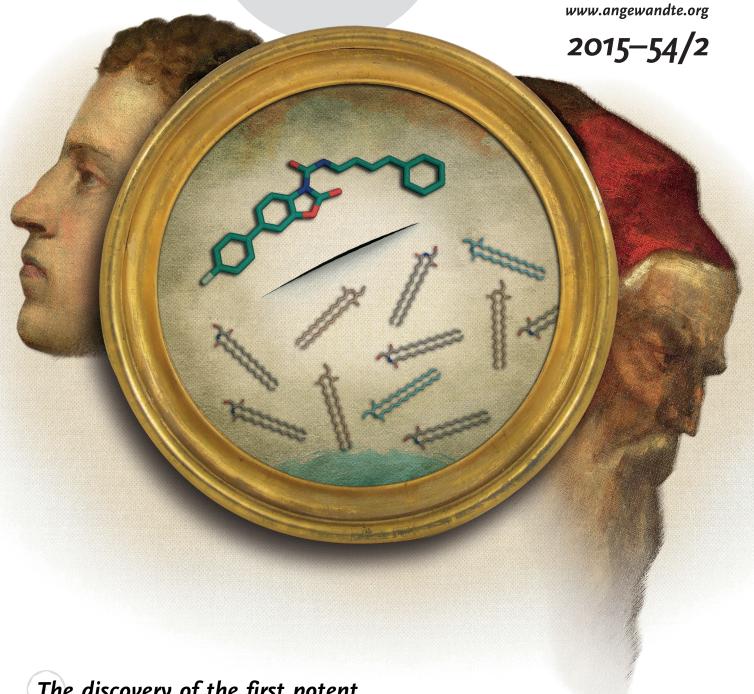
Angelyand Chemiker Angelyand Chemiker International Edition Angelyand Chemiker Chem



The discovery of the first potent ...

... systemically active inhibitors of acid ceramidase (AC) are reported in the Communication by D. Piomelli and co-workers on page 485 ff. This enzyme controls the levels of two key intracellular messengers: ceramide, which causes cell senescence and death, and sphingosine-1-phosphate (S1P), which has the opposite effect. By blocking AC, the new inhibitors tilt the balance between ceramide and S1P, thereby enhancing the pro-aging and pro-death effects of the former compound.

WILEY-VCH