Inside Cover

Nivrutti Barhate, Pavol Cekan, Archna P. Massey, and Snorri Th. Sigurdsson*

A single nucleoside acts as a probe for two complementary spectroscopic techniques. In their Communication on page 2655 ff., S. Th. Sigurdsson and co-workers describe the synthesis of DNA with a rigid nitroxide spin label. The modified nucleoside forms a stable base pair with guanine and projects the spin label into the major groove of the duplex. The rigidity of the nitroxide enables more accurate measurements of distance and motion in nucleic acids (left), while its reduction yields a fluorescent probe DNA (right).

