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IN THIS ISSUE

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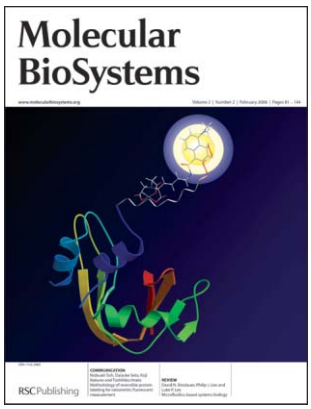
Cover
See Akimitsu Okamoto, Kazuki Tainaka, Yuji Ochi, Keiichiro Kanatani and Isao Saito, page 122. The marked changes in the fluorescence of base-discriminating fluorescent probes play a key role in a facile homogeneous SNP typing assay. Image reproduced by permission of Akimitsu Okamoto *et al*., from *Mol. BioSyst*., 2006, **2**, 122.



Inside cover
See Nobuaki Soh, Daisuke Seto, Koji Nakano and Toshihiko Imato, page 128. Ratiometric fluorescent labeling technology was developed by utilizing a field-sensitive probe (dansyl-NTA-Ni^{2+} complex) and its corresponding tag (Trp-His-tag), in which RNase S′ was used as a model protein.
Image reproduced by permission of Toshihiko Imato *et al*., from *Mol. BioSyst*., 2006, **2**, 128.

CHEMICAL BIOLOGY

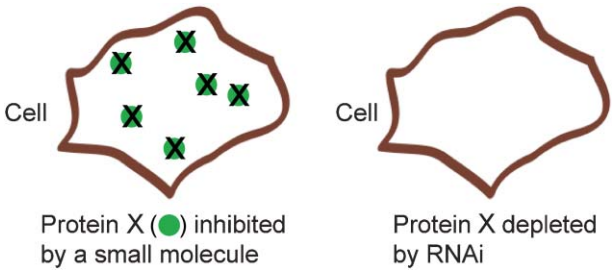
Drawing together research highlights and news from all RSC publications, *Chemical Biology* provides a 'snapshot' of the latest developments in chemical biology, showcasing newsworthy articles and significant scientific advances.

HOT OFF THE PRESS

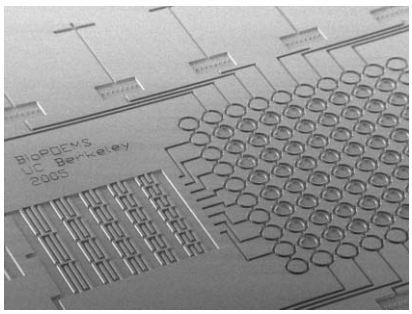
Hot off the Press

Topics highlighted in this month's *Hot off the Press* include the role of dopamine and parkin in Parkinson's disease, the use of a synthetic tryptophan metabolite in autoimmune diseases, and chitosan quantum dots as bioprobes.

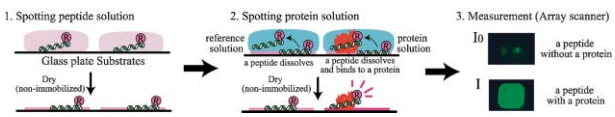
OPINION

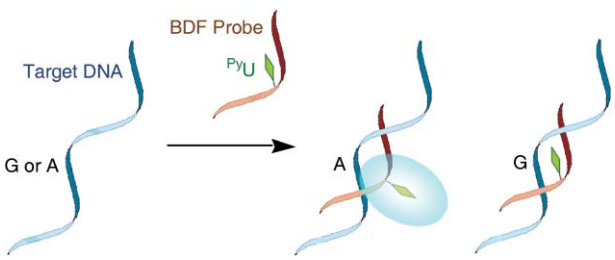


REVIEW



METHODS





COMMUNICATION

PAPER