

## Emerging Investigators theme issue

*Molecular BioSystems* issue 6, 2008, devoted to outstanding young scientists at the chemical- and systems-biology interfaces, features novel methods to visualise and manipulate protein function in living cells, the development of chemical techniques to monitor specific protein post-translational modifications, new insights into metabolomics and much, much more!

### Papers include:

#### **Visualization of phosphatase activity in living cells with a FRET-based calcineurin activity sensor**

Robert H. Newman and Jin Zhang

#### **Conformation and the sodium ion condensation on DNA and RNA structures in the presence of a neutral cosolute as a mimic of the intracellular media**

Shu-ichi Nakano, Lei Wu, Hirohito Oka, Hisae Tateishi Karimata, Toshimasa Kirihata, Yuichi Sato, Satoshi Fujii, Hiroshi Sakai, Masayuki Kuwahara, Hiroaki Sawai and Naoki Sugimoto

#### **A quantitative study of the recruitment potential of all intracellular tyrosine residues on EGFR, FGFR1 and IGF1R**

Alexis Kaushansky, Andrew Gordus, Bryan Chang, John Rush and Gavin MacBeath

#### **Direct printing of trichlorosilanes on glass for selective protein adsorption and cell growth**

Dawn M. Yanker and Joshua A. Maurer, *Mol. BioSyst.*, 2008

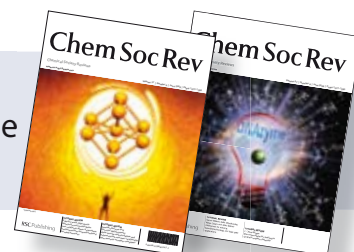
#### **A chemical approach for detecting sulfenic acid-modified proteins in living cells**

Khalilah G. Reddie, Young Ho Seo, Wilson B. Muse III, Stephen E. Leonard and Kate S. Carroll

### See also:

*Chem Soc Rev* issue 7, 2008 - Chemistry-Biology Interface theme issue

For more details contact [chemsocrev@rsc.org](mailto:chemsocrev@rsc.org)

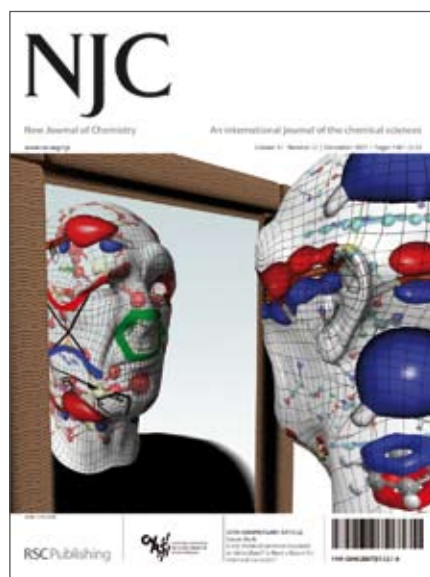


RSC Publishing

[www.molecularbiosystems.org/ei](http://www.molecularbiosystems.org/ei)

Registered Charity Number 207890

# Drawing disciplines together



*New Journal of Chemistry* is the place to publish new and emerging work in the chemical sciences. Selecting only original and significant work of high quality, *NJC* publishes full papers, letters, opinions and perspectives embracing multidisciplinary work of broad general appeal. Owned and published by learned societies, the journal offers a multitude of benefits to both authors and readers, including fast times to publication and html enhancement with the award-winning *RSC Project Prospect* ([www.projectprospect.org](http://www.projectprospect.org)).

## The home of interface science

RSC Publishing

**CNRS**  
CENTRE NATIONAL  
DE LA RECHERCHE  
SCIENTIFIQUE

[www.rsc.org/njc](http://www.rsc.org/njc)

Registered Charity Number 207890