Molecular BioSystems

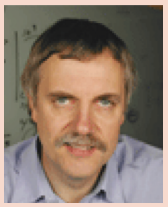
Indexed in MEDLINE!

High quality research at the interface between chemistry, the -omic sciences and systems biology

Leading researchers in the field support our journal . . .

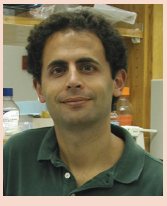
"Chemists will increasingly turn to '-omics' approaches to understand mechanism of action and specificity of bioactive molecules. Molecular BioSystems provides a home for this rapidly developing interdisciplinary science."

Thomas Kodadek,
Chair, Editorial Board



"This is a very respectable impact factor for a new journal. Authors can be confident that their work is visible to the appropriate audience."

Ruedi Aebersold,
Former Editorial Board member



"Congratulations on the excellent start – I am sure this [impact factor] number will continue to rise over the coming years."

Benjamin Cravatt,
Editorial Board member

"We received three excellent, tractable, and critical reviews with a rapid turn around time after submitting our manuscript. In today's world of potentially long times from submission to publication, this was very refreshing."

Mike Washburn
Advisory Board Member

"We believe Molecular BioSystems has more to offer the chemical biology community than any other journal."

Michael Smith,
Commissioning Editor

Submit your next paper to *Molecular BioSystems* and benefit from:

- Enhanced HTML articles with RSC Prospect
  - Hyperlinked compound information, including downloadable structures in text.
  - Gene, Sequence and Cell Ontology terms linked to definitions and related articles
  - IUPAC Gold Book terms linked
- Impact factor 4.121*
- Fast Publication times (average 80 days from receipt)

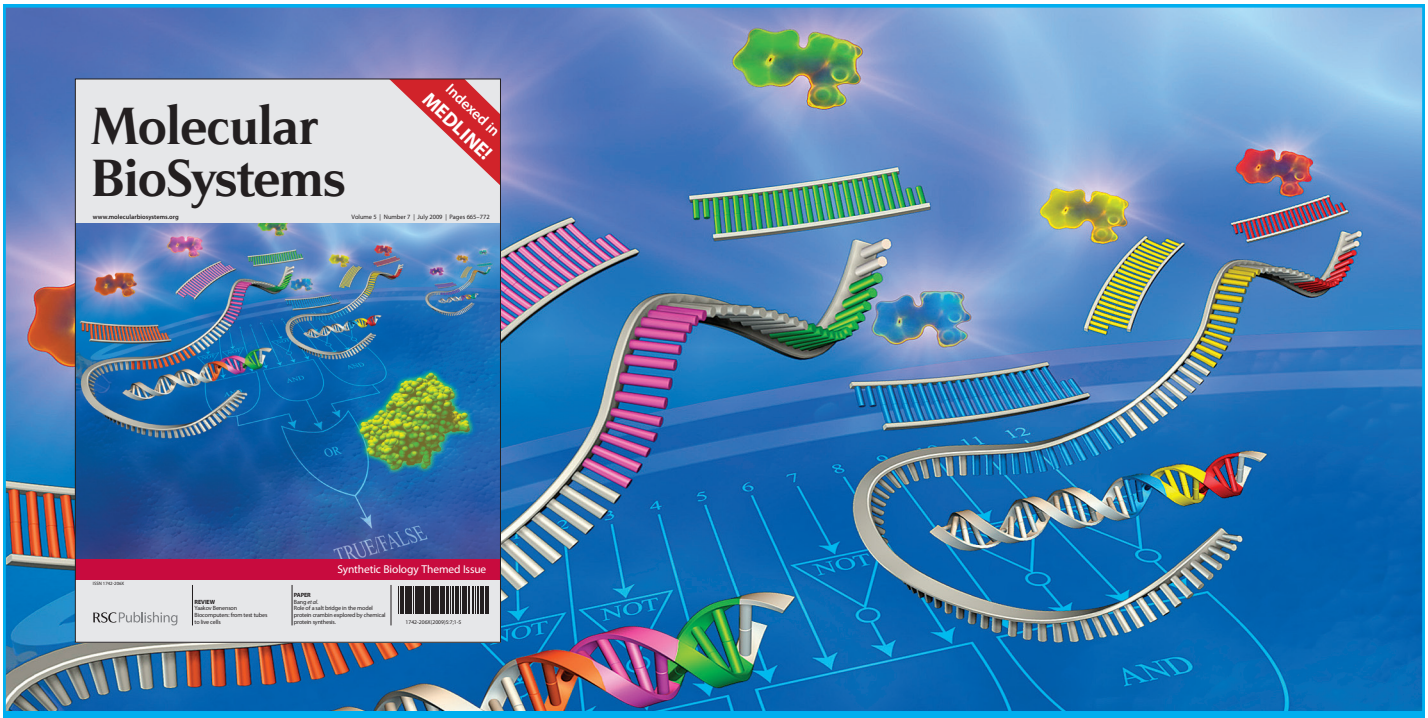
010879

*2007 Thompson Scientific (ISI) Journal Citation Reports

RSC Publishing

www.molecularbiosystems.org

Registered Charity Number 207890



Synthetic Biology Themed Issue

Molecular BioSystems issue 7, 2009, is a themed issue on **Synthetic Biology** coordinated by Editorial Board members Hagan Bayley (Professor of Chemical Biology, Oxford University, UK) and Sachdev Sidhu (Assistant Professor, Banting and Best Department of Medical Research, University of Toronto, Canada).

Articles include:

Darwinian chemistry: Towards the synthesis of a simple cell
Phil Holliger and David Loakes

Synthetic Chemistry Used to Make, Study the Folding, and Determine the X-ray Structure of a Unique Protein Analogue, [V15A]Crambin-α carboxamide
Stephen Kent, Duhee Bang, Anthony A Kossiakoff, Valentina Tereshko

Biocomputers: from test tubes to live cells
Yaakov Benenson (also provided the cover image)

A Synthetic Metabolite-Based Mammalian Inter-cell Signaling System
Martin Fussenegger, Nicholas Denervaud, Marco Schütz, Wilfried Weber

Engineering and Exploiting Protein Assemblies in Synthetic Biology
Stefan Howorka and David Papapostolou

Synthetic Biology: Exploring Biological Modularity
Pam Silver and Christina Agapakis.


Hagan Bayley


Sachdev Sidhu

"Synthetic biology is one of the most exciting and rapidly evolving fields in life sciences, and with this special issue, we have aimed to provide a broad overview of the theories and technologies that are shaping the field"

RSC Publishing

www.molecularbiosystems.org/synthbio