

DRUG DISCOVERY TODAY**Editorial****Editor:** Steve Carney**Senior Editor:** Ulrike Knies-Bamforth**Acting Senior Editor:** Sian Bithell**Content Development Manager:** Jacky Smith**Publisher:** Jaap van Harten**Editorial Enquiries:***Drug Discovery Today*

Elsevier

32 Jamestown Road, London, NW1 7BY, UK

Tel: +44 (0)20 7424 4200

Fax: +44 (0)20 7424 4314

Email: ddt@drugdiscoverytoday.com

ADVISORY EDITORIAL BOARD**Jurgen Bajorath** *University of Bonn, Germany***Walter Blackstock** *Experimental Therapeutics Centre, Singapore***David Brayden** *University College Dublin, Ireland***Paul Caron** *Vertex Pharmaceuticals, USA***David Cavalla** *Arachnova, UK***David Clark** *Argenta Discovery, UK***Dalia Cohen** *Rosetta Genomics, USA***Donald Daley** *Argenta Discovery, UK***Sean Ekins** *ACT LLC and Collaborations in Chemistry, USA***Hans-Peter Fischer** *GeneData, Switzerland***Peter Ghazal** *University of Edinburgh, UK***Christopher M. Hill** *Organon, UK***Nick Hird** *Takeda Chemical Industries, Japan***Enoch Huang** *Pfizer, USA***Thomas Joos** *University of Tuebingen, Germany***Vincent H.L. Lee** *Chinese University of Hong Kong, Hong Kong***David Lewin** *Yale University, USA***Christopher A. Lipinski** *Melior Discovery, USA***Lorenz Mayr** *Novartis, Switzerland***Nick Meanwell** *Bristol-Myers Squibb, USA***Mark Murcko** *Vertex Pharmaceuticals, USA***Fajun Nan** *Shanghai Institute of Materia Medica, China***Gitte Neubauer** *Cellzome, Germany***Eric Neumann** *Teranode, USA***Tim Peakman** *UK Biobank, UK***Norton Peet** *Aurigene, USA***Manuel Peitsch** *Novartis, Switzerland***Kurt Rasmussen** *Eli Lilly and Co. Ltd. USA***Janice Reichert** *Tufts Center for the Study of Drug Development, USA***John Reidhaar-Olson** *Hoffmann-La Roche, USA***Mike Romanos** *GlaxoSmithKline, UK***Raymond C. Rowe** *Intelligensys, UK***Andreas Russ** *University of Oxford, UK***Esther Schmid** *Pfizer, UK***Jonathan Sheldon** *Inforsense, UK***Michael Snyder** *Yale University, USA***Susie Stephens** *Eli Lilly and Co. Ltd., USA***Robert Strausberg** *The J. Craig Venter Institute, USA***Donny Strosberg** *Scripps Florida, USA***Yuichi Sugiyama** *University of Tokyo, Japan***David Szymkowski** *Xencor, USA***Nick Terrett** *Ensemble Discovery, USA***Vladimir Torchilin** *Northeastern University, Boston, USA***Mark Whittaker** *Evotec OAI, UK***Hans Winkler** *Johnson and Johnson, Belgium***Limsoon Wong** *Laboratories for Information Technology (LIT), Singapore***X.F. Steven Zheng** *Robert Wood Johnson Medical School, USA*

DRUG DISCOVERY TODAY

EDITORIAL

- 371 The innovative medicines initiative: a pre-competitive initiative to enhance the biomedical science base of Europe to expedite the development of new medicines for patients**

A. Jackie Hunter

PERSPECTIVE

FEATURE

- 374 Physical layout of workspace: a driver for productivity in drug discovery**

Fredrik Ullman and Roman Boutellier

MONITOR

- 464 Application of technologies and parallel chemistry for the generation of actives against biological targets**

Paul Edwards

- 467 DIARY**

FORTHCOMING ARTICLES:

Fluorine magnetic resonance in vivo: A powerful tool in the study of drug distribution and metabolism

by David G. Reid and Philip S. Murphy

Medicinal chemistry strategies in early drug discovery: an overview of recent trends

by Matteo Colombo and Ilaria Peretto

Beyond Data Integration

by Ted Slater, Christopher Bouton and Enoch S. Huang

Genetically engineered rats for drug target identification and disease models

by Jean Cozzi, Alexandre Fraichard and Kader Thiam

Global Challenges in the Development and Delivery of Paediatric Antiretrovirals

by Asha Bowen, Pamela Palasanthiran and Annette H. Sohn