Chemistry where science means business Issue 5 May 2003 WWW.chemind.org means business 5 May 2003

www.chemind.org

Biogetives hold the clue to more effective medicines

Malaria cure maybe permanent p7

Cellphones in SA to help Aids battle p23

Sars

Latest developments p4

Editor Simon Robinson

E-mail: editor@soci.org News Marina Murphy, Richard Butler,

E-mail: news@soci.org

Features Robert Winder

E-mail: features@soci.org

Art Editor Julia Cheftel

Production Editor Laurence McJannet
Magazine Administrator Princess Johnson

E-mail: enquiries@soci.org Advertising Mark Janaway, Zerina Sarwar E-mail: advertising@soci.org

14/15 Belgrave Square, London SW1X 8PS Tel: +44 (0)20 7598 1500 Fax: +44 (0)20 7235 9410 Advertising by Roscoe Services Limited

Sir James Black Kings College Hospital Umberto Colombo ENEA, Rome Roald Hoffmann Cornell University,

Ralph Landau Listowel, NY Lord Lewis University of Cambridge, UK Yasunori Nishijima Kyoto University, Japan Gerhard Wegner Max-Planck-Institut für Polymerforschung, Mainz, Germany

Subscription enquiries can be sent by e-mail to

USA, Canada & Mexico subscription rate: US\$560. Orders with payment to the Society of Chemical Industry, Turpin Distribution, Blackhorse Road, Letchworth, Herts SG6 1HN, UK. T: +44 (0)1462 672555; F: +44 (0)1462 480947. All copies sent air speed to the USA.

USA POSTMASTER: send address changes to Chemistry & Industry, 200 Meacham Avenue, Elmont, NY 11003. Periodical postage paid at Jamaica, NY 11431. Canadian GST Reg. No.

Japan subscription rate: £382. Orders with payment to USACO, 17-12, Higashi-Azabu, 2-chome, Minato-ku, Tokyo 106-0044. Rest of world subscription rates: EU and ROW £360. Orders with payment to Society of Chemical Industry, Turpin Distribution (see above). Delivery outside UK by air speed.

Queries and address changes to SCI Member Services, 14/15 Belgrave Square, London SW1X 8PS

T: +44 (0)20 7598 1500; F: +44 (0)20 7823 1698; E-mail: members@soci.org; Web address: www.soci.org

© Society of Chemical Industry 2003. ISSN 0009-3068. C&I is published twice a month by the Society of Chemical Industry, 14/15 Belgrave Square, London SW1X 8PS. Printed by Friary Press, Bridport Road, Dorchester, Dorset DT1 1JL. Chemistry & Industry is editorially pendent of, but published by, Society of Chemical Industry



Chemistry & Industry

Issue 9

Pages 1-28

5 May 2003

5

10

11

20

23

26

Regulars

News Diary **Patents Reviews** Highlights

People

Passive smoking can lead to miscarriage The latest shows, exhibitions and meetings Data/analysis Target business opportunities through interview Atkins' snack bar, topiary-to-go & fast cultures Art Deco and science & technology ethics **Applied chemistry** Julia Higgins: new chair of the UK EPSRC

Move over Aspirin

Richard Butler explains how a generation of drugs, the coxibs, could replace Aspirin for long-term users, with fewer side-effects



Cover illustration: Corbis



Drug discovery

In the race to lead drug discovery, Jenny Quamina reports on how complex natural product mixtures can help complex conditions.



Sonocrystallisation

Linda McCausland and Peter Cains, of Accentus C3 Technology Business, discuss the advantages of using ultrasound to improve crystallisation products and processes