

Chemistry & Industry

Issue 5
3 March 2003
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where science
means business

The Spiderman project

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First cloned sheep dies p5

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The latest developments pp8-10

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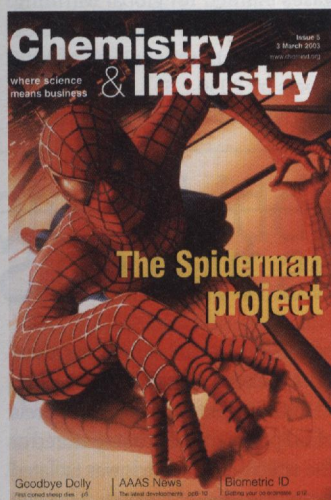
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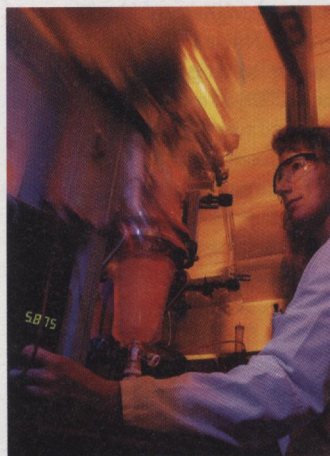
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Biometrics

12 Several systems are being considered to tighten up passport control, particularly for US entry. The question is which one to use? **Richard Butler** reports



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Cover illustration: The Kobal Collection/ Columbia/ Marvel



Mark

Drug discovery

17 Carbon chemistry is running up against poor pharmacokinetics, toxicity and little efficacy. **Graham Showell**, director of Amedis Pharmaceuticals, shows how organosilicon provides novel modes of action and tremendous patent opportunities for treating pain, skin disease and cancer. Flow-through microwaves applied to process development, CEM managing director **David Lofty** enlightens C&I (p21)



Conis

Drug delivery

23 Anti-HIV topical microbicides are the most promising alternative to Aids prevention. Lecturer **Carl Malcolm** and **Clare Toner**, postgraduate researcher, at Queen's University, Belfast, explain how these preventive strategies need to be developed. **Robert Winder** examines implants to improve patient compliance (p26)