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► **COVER:** Cover design by Patrick Morgan, inspired by the Review on p678.

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LOUISA FLINTOFT



TANITA CASCI



PATRICK GOYMER

In his Review on page 678 of this issue, Lincoln Stein discusses the biological science cyberinfrastructure — the collective term for the databases that biologists use to store and disseminate their results, the tools that are available to retrieve and analyse these data, and the computational and communications networks that connect them. A key element of the cyberinfrastructure must be people and the interactions between them. This applies at many levels; for example, researchers must be willing to share their raw data, those who run databases must be prepared to make them widely accessible and interoperable, and communities of scientists must think through the needs of the wide range of researchers who would benefit from using their data.

For the cyberinfrastructure to reach its full potential, there needs to be a two-way interaction between the available data and the community it serves. A massive increase in the amount of information available is possible if researchers are willing and able to annotate data with the results of their own research. One way to do this is by using WIKIs — web pages where the reader can become the editor, adding or altering content using a simple mark-up language. As highlighted in the Web Watch article on page 654, geneticists are rapidly picking up on the potential of the WIKI format, for example, by adapting the popular Wikipedia resource to provide a forum for community gene annotation.

This issue of *Nature Reviews Genetics* sees our own first foray into the world of the WIKI and the interactive web. Lincoln Stein's Review is accompanied by WIKI pages and a commenting facility, which can be accessed at <http://nrgwiki.nature.com>.

EDITORIAL OFFICES

LONDON NatureReviews@nature.com
The Macmillan Building,
4 Crinan Street,
London N1 9XW, UK
Tel: +44 (0)20 7843 3620;
Fax: +44 (0)20 7843 3629
CHIEF EDITOR: Louisa Flintoft
SENIOR EDITOR: Tanita Casci
ASSISTANT EDITOR: Patrick Goymer
COPY EDITOR: Elizabeth Neame
SENIOR ART EDITOR (NRG): Patrick Morgan
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Jacques Smit
WEB PRODUCTION MANAGER:
Deborah Anthony
MARKETING MANAGERS: Tim Redding,
Leah Rodriguez

MANAGEMENT OFFICES

LONDON nature@nature.com
The Macmillan Building,
4 Crinan Street,
London N1 9XW, UK
Tel: +44 (0)20 7833 4000;
Fax: +44 (0)20 7843 4596/7
OFFICE MANAGER: Sheryl Ocampo
ASSOCIATE PUBLISHER: Magdalena Skipper
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EDITOR-IN-CHIEF, NATURE PUBLICATIONS:
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NATUREJOBS PUBLISHER: Della Sar
NEW YORK nature@natureny.com
Nature Publishing Group,
75 Varick Street, 9th floor, New York,
NY 10013-1917, USA
Tel: +1 212 726 9200;
Fax: +1 212 696 9006
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TOKYO nature@natureasia.com
Chiyoda Building 5F, 2-37-1 Ichigayatamachi,
Shinjuku-ku, Tokyo 162-0843, Japan
Tel: +81 3 3267 8751; Fax: +81 3 3267 8746
ASIA-PACIFIC PUBLISHER: Antoine E Bocquet
MANAGER: Koichi Nakamura
ASIA-PACIFIC SALES DIRECTOR:
Kate Yoneyama
SENIOR MARKETING MANAGER:
Peter Yoshihara
MARKETING/PRODUCTION MANAGER:
Takesh Murakami
INDIA 5A/12 Ansari Road, Daryaganj,
New Delhi 110 002, India
Tel/Fax: +91 11 2324 4186
SALES AND MARKETING MANAGER, INDIA:
Harpal Singh Gill
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