



nature publishing group



► **COVER:** 'Cellular army' by Lara Crow, inspired by the Review on p573, which discusses the effects of chemotaxis on stromal and tumour cells.



NICOLA MCCARTHY



GEMMA ALDERTON



SARAH SETON-ROGERS



DARREN BURGESS

Making an impact is important when it comes to working in research, but judging the impact of research, publications and careers, for example, is not a straightforward process. Journals are currently ranked by the Thomson Reuters ISI impact factor, and the updated impact factors were released recently. *Nature Reviews Cancer* did well, for which we would like to thank all of our authors who wrote for the journal in 2008 and 2009, which are the years that count for the 2010 impact factor. Despite this 'success', we need to continue to make an impact, and the only way we can do that is to consistently commission the most insightful and timely reviews.

With this in mind, we are publishing six Reviews in this month's issue, all of which deal with cancer research challenges, both old and new. For example, on page 573, John Condeelis and colleagues discuss chemotaxis. This is not a new phenomenon in cancer research and is one that should be amenable to drug targeting. However, as both tumour and stromal cells respond to chemotactic signals, a clear understanding of the pathways involved in different tumour types is still needed. An update on another area of long-standing interest in cancer research, that of calcium mobilization, is provided on page 609 by Natalia Prevarskaya and colleagues, who elaborate on how changes in calcium levels can contribute to metastasis.

Both calcium signalling and chemotaxis could prove to be of relevance to the development of sarcomas, which is discussed on page 541 by Marc Ladanyi and colleagues. Sarcomas remain a difficult type of tumour to treat, and more information is required if we are to make an impact on this disease. After all, an impact that can be felt in the clinic is the only one that really counts.

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: Nicola McCarthy
SENIOR EDITORS: Gemma Alderton,
Sarah Seton-Rogers
ASSISTANT EDITOR: Darren Burgess
SENIOR COPY EDITOR (NRC): Catriona Rodwell
SENIOR COPY EDITORS: Yukie Ozawa,
Man Tsuey Tse, Lucie Wootton
COPY EDITING MANAGER: Lewis Packwood
ART EDITOR: Lara Crow
ART CONTROLLER: Susanne Harris
SENIOR ART EDITORS: Vicky Summersby,
Patrick Morgan, Kirsten Lee
MANAGING PRODUCTION EDITOR:
Judith Shadwell
SENIOR PRODUCTION EDITOR: Simon Fenwick
PRODUCTION CONTROLLER: Natalie Smith

SENIOR EDITORIAL ASSISTANT: Laura Corns
EDITORIAL ASSISTANT: Ella Lines
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: Laura Firman
PUBLISHER: James Butcher
MANAGING DIRECTOR:
Steven Inchcombe
EDITOR-IN-CHIEF, NATURE PUBLICATIONS:
Philip Campbell
ASSOCIATE DIRECTORS: Jenny Henderson,
Dominic Pettit
EDITORIAL PRODUCTION DIRECTOR:
James McQuat

PRODUCTION DIRECTOR:

Yvonne Strong
DIRECTOR, WEB PUBLISHING:
Dan Pollock

HEAD OF WEB PRODUCTION:
Alexander Thurrell

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

CHIEF TECHNOLOGY OFFICER:
Howard Ratner

HEAD OF INTERNAL SYSTEMS DEVELOPMENT:
Anthony Barrera

HEAD OF SOFTWARE SERVICES:
Luigi Squillante

**GLOBAL HEAD OF ADVERTISING AND
SPONSORSHIP:** Dean Sanderson

**HEAD OF NATURE RESEARCH & REVIEWS
MARKETING:** Sara Girard

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 SA/12 Ansari Road, Daryaganj,
New Delhi 110 002, India
Tel/Fax: +91 11 2324 4186

SALES AND MARKETING MANAGER, INDIA:
Harpal Singh Gill

Copyright © 2011 Nature Publishing Group
Research Highlight images courtesy of
Getty Images unless otherwise credited.
Printed in Wales by Cambrian Printers
on acid-free paper