

Editorial Board

Neuroscience and Cognition

Dr Brian Billups
Dr Andrew Glennerster
Professor Bill Harris
Professor Trevor Lamb
Professor Obaid Siddiqi
Professor Andrew Whiten

Cell and developmental biology

Professor Julie Ahringer
Dr Buzz Baum
Dr Louise Cramer
Dr Anne Donaldson
Professor Richard Gardner
Professor John Gray
Professor Keith Gull
Professor Laurence Hurst
Professor Fotis Kafatos
Professor Elliot Meyerowitz
Dr Tanja van Mourik

Professor Anthony Pawson
Dr Stephen Tucker

Organismal, environmental and evolutionary biology

Dr Will Cresswell
Professor Georgina Mace
Professor Yadvinder Malhi
Professor Manfred Milinski
Professor Peter Mumby
Professor Peter Raven
Professor Karl Sigmund
Professor Monkombu Swaminathan

Health and Disease

Professor Zhu Chen
Professor Mark Enright
Professor Peter Goodfellow
Professor Michael Malim
Professor Lap-Chee Tsui
Professor Nicholas Wald
Professor Joanne Webster

Publishing Editor: Claire Rawlinson

(tel: +44 (0)20 7451 2602; fax: +44 (0)20 7976 1837;

claire.rawlinson@royalsociety.org)

Production Editor: Jessica Mnatzaganian

6–9 Carlton House Terrace, London SW1Y 5AG, UK

rstb.royalsocietypublishing.org

ISBN: 978-0-85403-741-4

Copyright © 2009 The Royal Society

Except as otherwise permitted under the Copyright, Designs and Patents Act, 1988, this publication may only be reproduced, stored or transmitted, in any form or by any other means, with the prior permission in writing of the publisher, or in the case of reprographic reproduction, in accordance with the terms of a licence issued by the Copyright Licensing Agency. In particular, the Society permits the making of a single photocopy of an article from this issue (under Sections 29 and 38 of this Act) for an individual for the purposes of research or private study.

SUBSCRIPTIONS

In 2009 *Phil. Trans. R. Soc. B* (ISSN 0962-8436) will be published twice a month. Full details of subscriptions and single issue sales may be obtained either by contacting our journal fulfilment agent, Portland Customer Services, Commerce Way, Colchester CO2 8HP; tel: +44 (0)1206 796351; fax: +44 (0)1206 799331; email: sales@portland-services.com or by visiting our website at <http://royalsocietypublishing.org/info/subscriptions>. The Royal Society is a Registered Charity No. 207043.

Subscription prices 2009 calendar year	Europe	USA & Canada	All other countries
printed version plus electronic access	£2024/US\$3845 /€2631	£2136/US\$4058	£2186/US\$4153

Typeset in India by the Alden Group, Oxfordshire. Printed by Latimer Trend, Plymouth.

This paper meets the requirements of ISO 9706:1994(E) and ANSI/NISO Z39.48-1992 (Permanence of Paper) effective with volume 335, issue 1273, 1992. *Philosophical Transactions of the Royal Society B* (ISSN: 0962-8436) is published twice a month by the Royal Society and distributed in the USA by DSW, 75 Aberdeen Road, Emigsville PA 17318-0437. Periodicals postage paid at Emigsville PA. POSTMASTER: send address changes to *Philosophical Transactions of the Royal Society B*, c/o PO Box 437 Emigsville PA 17318-0437.

AIMS AND SCOPE

Each issue of *Phil. Trans. R. Soc. B* is devoted to a specific area of the biological sciences. This area will define a research frontier that is advancing rapidly, often bridging traditional disciplines. *Phil. Trans. R. Soc. B* is essential reading for scientists working across the biological sciences. In particular, the journal is focused on the following four cluster areas: **neuroscience and cognition; organismal and evolutionary biology; cell and developmental biology; and health and disease**. As well as theme issues, the journal publishes papers from the Royal Society's biological discussion meetings. For information on submitting a proposal for a theme issue, consult the journal's website at rstb.royalsocietypublishing.org.

Reviews. The journal also publishes reviews in the broad areas of research listed above. Review articles will often be commissioned, but the Editor is happy to consider suggestions / proposals for unsolicited review articles. Please submit an abstract and a covering letter to the Editorial Office for approval for consideration. 6000 words is usually a maximum length for reviews.