Continuing its long history of influential scientific publishing, Phil. Trans. R. Soc. B publishes high quality theme issues on topics of current importance and general interest within the life sciences, guest-edited by leading authorities and comprising new research, reviews and opinions from prominent researchers. Each issue aims to create an original and authoritative synthesis, often bridging traditional disciplines, which showcases current developments and provides a foundation for future research, applications and policy decisions.

rstb.royalsocietypublishing.org

SUBSCRIPTIONS

In 2017 Phil. Trans. R. Soc. B (ISSN 0962-8436) will be published 26 times a year. For more details of subscriptions and single issue sales please contact our fulfilment agent:

Turpin Distribution
The Royal Society Customer Services
Pegasus Drive
Station Business Park
Biggleswade SG18 7TQ
United Kingdom
T +44 1767 604951
F +44 1767 606640
E royalsociety@turpin-distribution.com
Alternatively please contact our customer service team at:
E sales@royalsociety.org

SUBMISSIONS

For submission guidelines and access to journal content visit:
rstb.royalsocietypublishing.org
Philosophical Transactions of the Royal Society B: Biological Sciences
ISSN: 0962-8436
© The Royal Society, 2017

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. Open access articles, which are published under a CC-BY licence, may be re-used without permission, but subject to acknowledgement.

PHILOSOPHICAL TRANSACTIONS
OF THE ROYAL SOCIETY B

Cover image
Shapes and tracks of cells extracted from live imaging of the zebrafish forebrain. Flat enveloping layer cells (top) have been separated from forebrain neural plate cells (middle). Tracks of selected neural plate cells (bottom) are colour-coded by depth from the embryo surface. (Image © Guy Blanchard, Stephen Youn & Richard Adams.)