

---

# Development

Volume 141 (22) November 2014

## **EDITOR IN CHIEF**

Olivier Pourquié

## **EDITORS**

Benoit Bruneau  
Magdalena Götz  
François Guillemot  
Gordon Keller  
Haruhiko Koseki  
Thomas Lecuit  
Ottoline Leyser  
Rong Li  
Nipam Patel  
Liz Robertson  
Geraldine Seydoux  
Austin Smith  
Patrick Tam  
Stephen Wilson

## **EXECUTIVE EDITOR**

Katherine Brown

## **REVIEWS EDITORS**

Andrea Aguilar  
Seema Grewal

## **ONLINE EDITOR**

Catarina Vicente

## **PRODUCTION EDITORS**

Colin Davey  
Lindsay Roberts  
Frederik Seelig

## **EDITORIAL ADMINISTRATORS**

Jenny Ostler  
Debbie Thorpe

## **Editorial Advisory Board**

Markus Affolter  
Victor Ambros  
Yves-Alain Barde  
Naama Barkai  
Konrad Basler  
Buzz Baum  
Dominique Bergmann  
Wendy Bickmore  
David Bilder  
Carmen Birchmeier  
Brian Black  
Cédric Blanpain  
Laurie Boyer  
Michael Brand  
James Briscoe  
Marianne Bronner  
Oliver Brüstle  
Margaret Buckingham  
Kenneth Campbell  
Enrico Coen  
Daniel Constam  
Frank Costantini  
Peter Currie  
Claude Desplan  
Ray Dunn  
Suzanne Eaton  
Jonathan Eggenschwiler  
Donna Fekete  
Scott Fraser  
Darren Gilmour  
Bob Goldstein  
Yukiko Gotoh  
Alex Gould  
Michael Granato  
Iva Greenwald  
Anna-Katerina Hadjantonakis  
Hiroshi Hamada  
Richard Harland  
Richard Harvey

Edith Heard  
Carl-Philipp Heisenberg  
Ykä Helariutta  
Oliver Hobert  
Konrad Hochedlinger  
Brigid Hogan  
Corinne Houart  
Philip Ingham  
Juan Carlos Izpisua Belmonte  
Laura Johnston  
Alexandra Joyner  
Frank Jülicher  
Mary Lou King  
Robb Krumlauf  
Peter Lawrence  
Patrick Lemaire  
Pierre Léopold  
Melissa Little  
Christophe Marcelle  
Oscar Márin  
Paul Martin  
Fumio Matsuzaki  
Roberto Mayor  
Doug Melton  
Elliot Meyerowitz  
Edwin Munro  
Christof Niehrs  
Andrew Oates  
David Ornitz  
Virginia Papaioannou  
Nancy Papalopulu  
Norbert Perrimon  
Stefano Piccolo  
Kathrin Plath  
Kenneth Poss  
David Raible  
Thomas Rando  
Erez Raz  
Aviv Regev

William Richardson  
Filippo Rijli  
Mitinori Saitou  
Nori Satoh  
Ben Scheres  
Alexander Schier  
Stefan Schulte-Merker  
Michael Shen  
Antonio Simeone  
Benjamin Simons  
Lilianna Solnica-Krezel  
Ralf Sommer  
Daniel St Johnston  
Didier Stainier  
Claudio Stern  
Kate Storey  
David Strutt  
Lorenz Studer  
Clifford Tabin  
Shahragim Tajbakhsh  
Elly Tanaka  
Jan Traas  
Paul Trainor  
Miltos Tsiantis  
Naoto Ueno  
Pierre Vanderhaegen  
K. VijayRaghavan  
Andrea Vortkamp  
John Wallingford  
Joachim Wittbrodt  
Ting Xie  
Guoliang Xu  
Shinya Yamanaka  
Jennifer Zallen  
Ken Zaret  
Leonard Zon

Development  
The Company of Biologists Ltd  
Bidder Building  
140 Cowley Road  
Cambridge CB4 0DL UK  
Tel: +44 (0) 1223 420007  
Fax: +44 (0) 1223 423353  
E-mail: dev@biologists.com  
© 2014 The Company of Biologists Ltd