SPECIAL SECTION

Morphogenesis

INTRODUCTION
1183 Getting into Shape

REVIEWS
1184 Imaging Morphogenesis: Technological Advances and Biological Insights
P. J. Keller
Review Summary; for full text:
http://dx.doi.org/10.1126/science.1234168

1185 Mechanics of Epithelial Tissue Homeostasis and Morphogenesis
C. Guillot and T. Leclerc

1190 Growing Self-Organizing Mini-Guts from a Single Intestinal Stem Cell: Mechanism and Applications
T. Sato and H. Clevers
>> Science Podcast
>> News story p. 1156; and Science Careers at www.sciencemag.org/special/morph

1186 The Cyborg Era Begins

LETTERS
1167 Rhino Poaching: Supply and Demand Uncertain
A. Collins et al.
Rhino Poaching: Unique Challenges
H. H. T. Prins and B. Okita-Ouma
Rhino Poaching: Apply Conservation Psychology
C. A. Litchfield
Response
D. Biggs et al.

CORRECTIONS AND CLARIFICATIONS

BOOKS ET AL.
1170 The Cambrian Explosion
D. H. Erwin and J. W. Valentine, reviewed by C. J. Lowe

1171 Spam
F. Brunton, reviewed by J. Golbeck

PERSPECTIVES
1172 Uncapping Conflict of Interest?
S. F. Wood and J. K. Mador

1174 Illuminating the Neural Circuitry of Compulsive Behaviors
S. L. Rauch and W. A. Carlezon Jr.
>> Reports pp. 1234 and 1243

1175 Interfacing Atoms and Light—The Smaller the Stronger
M. Keller
>> Report p. 1202

1176 Seas of Superoxide
Y. Shaked and A. Rose
>> Report p. 1223

1177 Bayes’ Theorem in the 21st Century
B. Efron

1179 A Trap for Planet Formation
P. J. Armitage
>> Report p. 1199

1180 What the Bomb Said About the Brain
G. Kempermann

1181 Deserts and Waves in Gene Expression
A. R. Rodrigues and C. J. Tabin
>> Research Article p. 1195

CONTENTS continued >>

ON THE WEB THIS WEEK
>> Policy Podcast
Listen to an interview with Science’s new editor-in-chief, Marcia McNutt.

>> Find More Online
Check out Science Express, our podcast, videos, daily news, our research journals, and Science Careers at www.sciencemag.org.

COVER
Intestinal organoids (red) derived in vitro from single intestinal stem cells display cryptlike structures with stem and Paneth cells (stem cells, green). Infused mini-guts fill in the ulcerated area of an inflamed colon. Reviews in this special issue on morphogenesis describe recent mini-gut technology, as well as advances in light microscopy of live organisms and mechanical analyses of cell dynamics during development. See the special section on page 1183 and at www.sciencemag.org/special/morph.

Image: Hans Clevers, Hubrecht Institute

DEPARTMENTS
1139 This Week in Science
1142 Editors’ Choice
1144 Science Staff
1247 New Products
1248 Science Careers