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Steep terrain: To move a therapy from the research lab to the doctor’s office requires a huge investment in clinical trials, which are growing more costly and more complex every year. See the special section beginning on page 209.

Photo illustration: Kelly Buckheit Krause (images: Getty Images; Jupiter Images)

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Published by AAAS

Published from http://science.sciencemag.org on May 10, 2017
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P. J. Keller, A. D. Schmidt, J. Wittbrodt, E. H. K. Stelzer
Digitized tracking of each cell during the first 24 hours of zebrafish development reveals how the body axis and germ layer are formed and provides a community resource. >> News story p. 176; Science Podcast 10.1126/science.1162493

DEVELOPMENTAL BIOLOGY
Generation of Mouse Induced Pluripotent Stem Cells Without Viral Vectors
K. Okita, M. Nakagawa, H. Hyenjong, T. Ichisaka, S. Yamanaka
Pluripotent cells can be created by introducing transcription factor genes into mouse embryonic fibroblasts on a plasmid that does not integrate into the genome. 10.1126/science.1164270

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Collective Behavior in an Early Cambrian Arthropod
X.-G. Hou, D. J. Siveter, R. J. Aldridge, D. J. Siveter
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