



## NEWS

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**1211 CARBON-MAPPING SATELLITE WILL MONITOR PLANTS' FAINT GLOW**

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**1212 POLIO ERADICATORS STRUGGLE TO PREVENT THE NEXT OUTBREAK**

A new "Red List" identifies where the virus may strike next *By L. Roberts*

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Breeding thoroughbred horses for speed may damage their health *By A. Gibbons*

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Growth rates suggest dinosaurs were "mesothermic" *By M. Balter*

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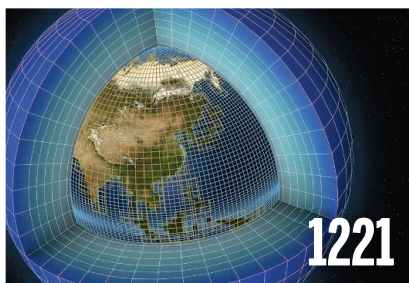
**1217 LEGAL HIGHS MAKE URUGUAY A BEACON FOR MARIJUANA RESEARCH**

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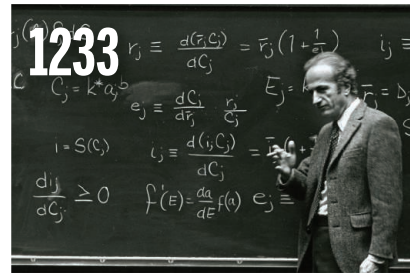
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*By M. A. Duffy*

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Plasticity of epithelial stem cells in tissue regeneration

*C. Blanpain and E. Fuchs*

REVIEW SUMMARY; FOR FULL TEXT:

[HTTP://DX.DOI.ORG/10.1126/SCIENCE.1242281](http://dx.doi.org/10.1126/SCIENCE.1242281)

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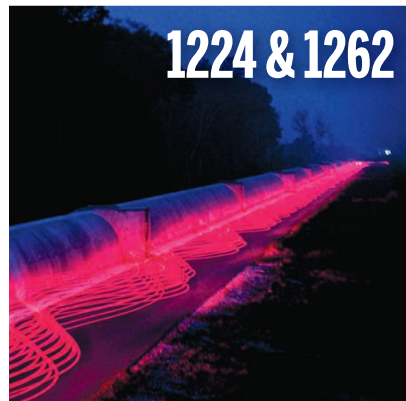
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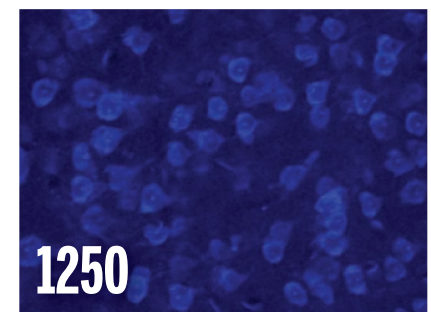
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## 1250

### ON THE COVER



Immunofluorescence microscopy image of squamous cell carcinoma (SCC). SCCs contain tumor-initiating stem cells and their early progeny, which, like normal cells, reside along the tumor-stroma interface and express high levels of integrins (white) and progenitor keratins (green). Stem cells with high tumor-initiating capacity are shown in red; nuclear DNA is in blue. Average cell size within the tumor, 10 micrometers. See page 1243 and <http://dx.doi.org/10.1126/science.1242281>. Image: Courtesy of Markus Schober and Elaine Fuchs [see Proc. Natl. Acad. Sci. U.S.A. **108**, 10544–10549 (2011)]

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