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The Arabidopsis G protein α subunit exhibits properties necessary and sufficient for receptor-independent activation.

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E. M. Ross
A crystal structure illuminates reciprocal regulation between a G protein and its effector.

PERSPECTIVE: How Cells Use Pseudopods for Persistent Movement and Navigation
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A model of pseudopod formation, splitting, and persistence describe how cells migrate.

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S. F. Terry and F. F. Terry
The time has come to crowd-source data for diagnostic and therapeutics development.

COMMENTARY: Electronic Consent Channels—Preserving Patient Privacy Without Handcuffing Researchers
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Policy-makers, researchers, and information technology leaders can help transform how we protect and use patient data.

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RESEARCH ARTICLE: Photodynamic Ablation of Lymphatic Vessels and Intralymphatic Cancer Cells Prevents Metastasis
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RESEARCH ARTICLE: 5-Lipoxygenase Metabolite 4-HDHA Is a Mediator of the Antiangiogenic Effect of α-3 Polyunsaturated Fatty Acids
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Scientists in many disciplines need informatics and computational skills to exploit the increasingly vast quantities of available data.

Sharing Data in Biomedical and Clinical Research
K. Travis
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