Pseudocolored scanning electron micrograph (magnification ~34,000x) of the surface of mouse airway epithelia showing cilia protruding from epithelial cells; short protrusions in the foreground are microvilli from a nonciliated cell. In human airway epithelia, these motile cilia bear receptors that detect bitter compounds and signal the cilia to increase their rhythmic beat frequency to help clear noxious substances from the lungs. See page 1131.

Image: Tom Moninger (epithelia generated by Phil Karp)
BREVIA

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  J. Li and M. P. Timko
  A gene thought to defend plants against infectious bacterial pathogens also supplies defense against a parasitic plant.

RESEARCH ARTICLE

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  C. R. Linnen et al.
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REPORTS

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  The height of oyster reefs above the river bed promotes their restoration in the Chesapeake Bay, USA.

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  Airway epithelia directly sense and respond to noxious substances.

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  W.-L. Yang et al.
  Localization and activation of signaling proteins in cancer cells are controlled by ubiquitin labeling.

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  H. X. Hao et al.
  Analysis of a yeast mitochondrial protein reveals a human tumor susceptibility gene.

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  A transcription factor required for gene suppression in regulatory T cells is identified.

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