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On this week's show: a look back at the race for the *BRCA1* gene and a roundup from our daily news site.

#### >> **Find More Online**

Check out *Science Express*, the weekly podcast, videos, daily news, our research journals, and *Science Careers* at [www.sciencemag.org](http://www.sciencemag.org).



### COVER

Detail of *Wishing It Was Just A Bad Dream*, a 1995 painting by Hollis Sigler. Sigler's art was featured on the cover of the 7 October 1994 issue of *Science*, which reported the discovery of the breast cancer susceptibility gene *BRCA1*. She died of the disease in 2001. In this issue, *Science* examines breast cancer research 20 years after the cloning of *BRCA1*. See the special section beginning on page 1451 and at [www.sciencemag.org/special/breastcancer](http://www.sciencemag.org/special/breastcancer).

*Image: Courtesy of the Jean Howard and Joseph Virde collection, Salt Lake City, UT, and the Carl Hammer Gallery, Chicago, IL*

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A. Mortha et al.

Myeloid cells, innate lymphoid cells, and the cytokines they secrete cooperate to maintain immune tolerance in the gut.

Research Article Summary; for full text:

<http://dx.doi.org/10.1126/science.1249288>

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- 1478** Early Childhood Investments Substantially Boost Adult Health

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- 1513** A Non-Cell Autonomous Role of E(z) to Prevent Germ Cells from Turning on a Somatic Cell Marker

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Somatic cells within the gonad produce a protein that stops *Drosophila* germ cells from becoming somatic.

- 1516** The *Drosophila* Circadian Clock Is a Variably Coupled Network of Multiple Peptidergic Units

Z. Yao and O. T. Shafer

Behavioral rhythms emerge from the interactions of many independent oscillators rather than from a group of master pacemakers.

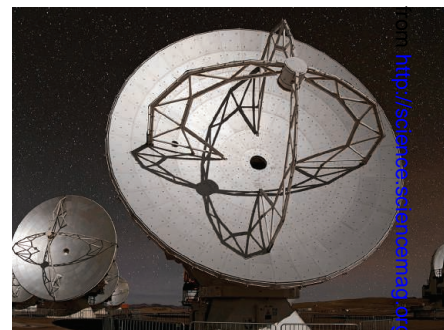
- 1520** Quantifying Global International Migration Flows

G. J. Abel and N. Sander

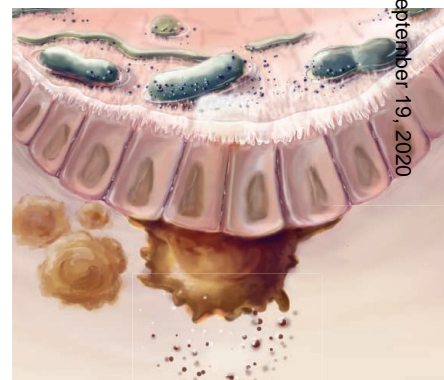
Estimates are provided for the international flow of people over 5-year periods between 1990 and 2010.



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