

# ***SCIENCE NEWS***

## **CONTENIDO**

**VOLUME 179 No. 3, JANUARY 2011**

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- 8      **Body & Brain.**  
▪ Childhood epilepsy may kill in adulthood.  
  
▪ Shopping neurons identified.  
  
▪ Antibiotic may soothe irritable bowel.  
  
▪ Chicken pox vaccine better with second shot.
- 10     **Humans.**  
▪ Ancient farmers moved fast.  
  
▪ Women's tears diminish men's sexual arousal.
- 11     **Environment.**  
▪ Gulf spill methane MIA.
- 12     **Atom & Cosmos.**  
▪ Solving the riddle of the sun's superheated corona.  
  
▪ Amino acids from a hot rock.
- 13     **Earth.**  
▪ Toxic ocean may have caused ancient extinctions.
- 14     **Life.**  
▪ Parasite avoids death by making its host glow.  
  
▪ Ancient creature's last meal.  
  
▪ As aspens die, more mice carry lethal human virus.  
  
▪ Spiders' mock-mating aids real procreating.
- 16     **Molecules.**  
▪ Templates for building big molecules.

- Quantum math explains quirks of Möbius molecules.

## FEATURES

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COVER STORY: Robotics takes cues from children to develop machines that learn through social interactions.  
*Bruce Bower.*
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Even in adulthood, newborn nerve cells help sort similar information and write it to memory.  
*Laura Beil.*
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Gut parasites, which evolved ways to tame the human immune system, show promise as a treatment for autoimmune problems and allergy.  
*Nathan Seppa.*

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Neuroscientist Helen Neville describes her team's efforts to stimulate the brains of children living in poverty.

## COVER

Studies with children are helping roboticists build machines that can learn from social and environmental interactions. This iCub grasps and rolls balls in a lab playground.  
*Massimo Brega.*