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### About the cover:

The first image of a black hole, as released on April 10 by the Event Horizon Telescope Collaboration (EHT), just came in the shape and size as predicted by Albert Einstein a century ago in his theory of general relativity. A centennial quest is answered; yet the cosmic dust is far from settled. Turn to page 6 for more. (Credit: EHT Collaboration)

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The academy honors three foreign scientists for their contributions to international cooperation in the field of science, technology and innovation.

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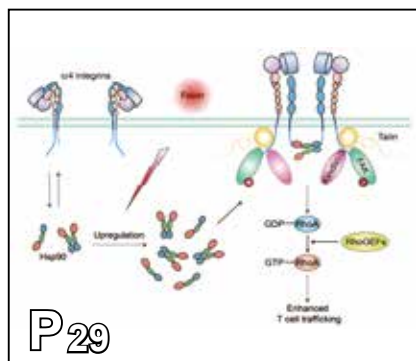
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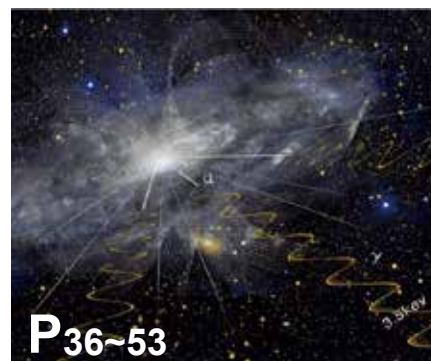
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Cloned monkeys, the dark matter particle detector “Wukong,” and five other research projects conducted by CAS scientists are highlighted in the “top 10 scientific advances” for the year 2018.



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CAS scientists discover a new mechanism of how fever does a good deed for the body. Despite the heat and dizziness it causes, fever is actually in alliance with the body’s immune system to fight infection-causing pathogens.



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The cosmos is mostly “dark.” What is dark matter? Is it an unknown type of particles? When expecting further news from “Wukong,” China’s first space detector for dark matter particles, let’s listen to those in the know.

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