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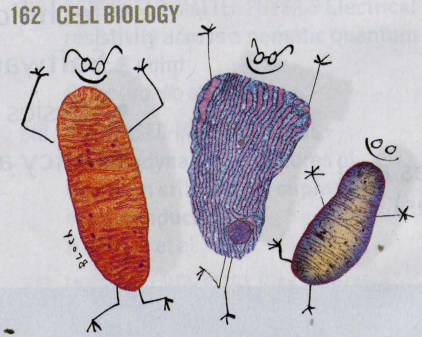
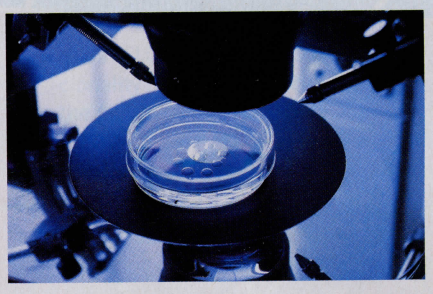
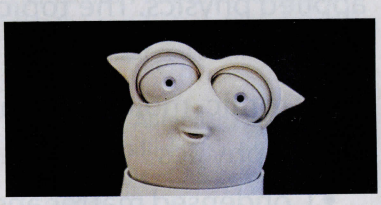
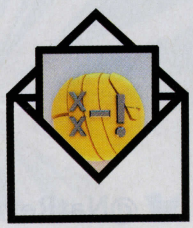


COMMENT







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RESEARCH

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ON THE COVER

Classified information

Machine learning and quantum computing have the potential to solve previously untenable problems. Machine-learning techniques for pattern classification can run into problems when the structure of the data becomes too complex. Using a superconducting quantum processor, Kristan Temme and colleagues show that implementing a quantum-enhanced feature space can help to overcome this limitation.
PAGES 179 & 209

COVER IMAGE: STORYTK

MICROBIOLOGY

Friend or foe

Diverse nucleotides from bacteria modulate host responses. PAGE 194