

《世界生命科学重大突破，两只克隆猴在中国诞生》

1月25日，中科院神经科学研究所团队宣布完成世界首例体细胞克隆猴，分别叫“中中”和“华华”。它们的“故事”登上了国际权威学术期刊《细胞》封面，这意味着中国科学家成功突破了现有技术无法克隆灵长类动物的世界难题。



China became the first country to clone a monkey using non-reproductive cells, reducing the need to breed lab monkeys and paving the way for more accurate, effective, and affordable animal tests for new drugs, scientists said on Thursday.

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By December, the Institute of Neuroscience of the Chinese Academy of Sciences had created two clone macaques named "Zhong Zhong" and "Hua Hua" by nuclear transferring of somatic cells -- any cell in the organism other than reproductive cells. This was the similar technology used to create the famous clone sheep Dolly in 1996.

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Tetra, a rhesus monkey born in 1999, is the world's first ever-cloned monkey, but it was done using a simpler method called embryo splitting, but it could only generate four cloned offspring at a time and cannot be genetically modified to suit experimental needs, said Pu Muming, an academician at the Chinese Academy of Sciences and the director of Institute of Neuroscience, CAS.

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