

《冰桶挑战为“渐冻症”致病基因的发现筹集资金》

导读:或许还记得那年的冰桶挑战，那时过两年，你是否还在关注“渐冻症”这一需要关爱的群体？



Scientists have identified a new gene contributing to the disease, NEK1.

??NEK1?

The Ice Bucket Challenge has raised \$115m from people pouring cold water over themselves and posting the video on social media.

“????”????????????????????????????????????1.15????

It was criticised as a stunt, but has funded six research projects.

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Research by Project MinE, published in Nature Genetics, is the largest-ever study of inherited ALS, also known as motor neurone disease (MND).

MinE????????????????????????????????ASL????????????MND????????????????????????????????

More than 80 researchers in 11 countries searched for ALS risk genes in families affected by the disease.

??11????80????????????????????????????????

The identification of gene NEK1 means scientists can now develop a gene therapy treating it.

??NEK1????????????????????????????????

Although only 10% of ALS patients have the inherited form, researchers believe that genetics contribute to a much larger percentage of cases.

????10%????????????????????????????????????

Social media was awash with videos of people pouring cold water over their heads to raise money for ALS in the summer of 2014.

?2014????????????????????????????????????

More than 17 million people uploaded videos to Facebook, including many celebrities who rose to the challenge, which were then watched by 440 million people worldwide.

??1700????????????????????????????????4.4????

What is amyotrophic lateral sclerosis (ALS), also known as motor neurone disease (MND)?

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fatal, rapidly progressive disease that affects the brain and spinal cord

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attacks nerves that control movement so muscles refuse to work (sensory nerves are not usually affected)

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can leave people locked in a failing body, unable to move, talk and eventually, breathe

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scientist Stephen Hawking is best-known person with the disease

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kills around a third of people within a year of diagnosis and more than half within two years

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there is no cure

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