

# Research shows investigational drug fosters nerve repair after injury

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Scientists from the University of Birmingham have shown that a brain-penetrating candidate drug currently in development as a cancer therapy can foster regeneration of damaged nerves after spinal trauma.

The [research](#), published today in *Clinical and Translational Medicine*, used cell and animal models to demonstrate that when taken orally the candidate drug, known as [AZD1390](#), can block the response to DNA damage in [nerve cells](#) and promote [regeneration](#) of damaged nerves, so restoring sensory and [motor function](#) after [spinal injury](#).

The announcement comes weeks after the same research team showed a

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