

## Nerve pathways

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There are similarities in the way that the nerve pathways connect the brain to the spinal cord and the muscles in monkeys and humans.

Understanding these pathways and the information they convey has been central to understanding how illnesses such as stroke affect movement. Recent research in monkeys has suggested **new ways to re-establish control over a stroke-affected limb.**



## Animal research in neuroscience

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Many neuroscientists are actively involved in developing new methods and furthering existing techniques for studying the human brain. In some cases, however, the work can only be done with animals.

Neuroscientists working with animals work alongside neuroscientists investigating human brain function. Sometimes the very same individual scientist will employ computer models, human experiments and animal experiments. The different approaches are not alternatives to one another but all are essential and complementary.

FENS supports research using animals when it is carefully regulated, where alternative methods are not available and high welfare standards are met.

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