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- 165 **MICROBIOLOGY** Human gut Bacteroidetes can utilize yeast mannan through a selfish mechanism  
F Cuskin et al.

### ON THE COVER

## Fuse it or lose it

After injury to the nervous system in the nematode *Caenorhabditis elegans*, an axon sprouts new growth towards its detached segment; a membrane-tethered fluorophore is shown in blue and the cytoplasm is shown in magenta. Massimo Hilliard and colleagues have analysed a highly efficient means of neural regeneration known as axonal fusion, in which separated axon segments are able to spontaneously reconnect and fuse to restore the original circuitry. [PAGE 219](#)

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DESIGN: NICK VALMAS / IMAGE: CASEY LINTON

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