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On the cover: In multiple sclerosis (MS), autoimmune demyelination leads to paralysis and blindness. This image illustrates a CNS coculture in which myelin segments appear as linear yellow profiles. In this issue, Zhang et al. show that IL-11 promotes myelin repair in MS models via a balance in activity of Stat3 versus Stat1. Zhang, J., Y. Zhang, D. J. Dutta, A. T. Argaw, V. Bonnamain, J. Seto, D. A. Braun, A. Zameer, F. Hayot, C. B. López, C. S. Raine, and G. R. John. 2011. Proapoptotic and antiapoptotic actions of Stat1 versus Stat3 underlie neuroprotective and immunoregulatory functions of IL-11. *J. Immunol.* 187: 1129–1141.

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