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## NATURE ONLINE

## ADVANCE ONLINE PUBLICATION

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**Activity-dependent relocation of the axon initial segment fine-tunes neuronal excitability**

M S Grubb &amp; J Burrone

doi:10.1038/nature09160

**Presynaptic activity regulates Na<sup>+</sup> channel distribution at the axon initial segment**

H Kuba, Y Oichi &amp; H Ohmori

doi:10.1038/nature09087

**Small regulatory RNAs inhibit RNA polymerase II during the elongation phase of transcription**

S Guang, A F Bochner, K B Burkhardt, N Burton, D M Pavelec &amp; S Kennedy

doi:10.1038/nature09095

PUBLISHED ON 16 JUNE 2010

**Functionally defective germline variants of sialic acid acetyltransferase in autoimmunity**

I Surolia *et al.* doi:10.1038/nature09115

**Members of the H3K4 trimethylation complex regulate lifespan in a germline-dependent manner in *C. elegans***

E L Greer *et al.* doi:10.1038/nature09195

## ON THIS WEEK'S PODCAST

More on how Kuiper belt objects have come into the sights of optical astronomers. And Rebecca Skloot talks about her book *HeLa cells and Henrietta Lacks*, now in paperback (go.nature.com/VT2W9r for a review).

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