



## SPECIAL SECTION

# Signals in RNA

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**1417** From the RNA world to the clinic *B. A. Sullenger and S. Nair*

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## ON THE COVER



Artist's interpretation of RNA activity (the train represents a ribosome). RNA serves many biological purposes:

It carries genetic information, regulates gene expression, and functions as a structural component of cells' molecular building machinery. RNA is replete with signals that control its activity, and its pivotal role in the cell has made it an attractive candidate for development as a therapeutic agent. For more on these topics, see the special section beginning on page 1406. *Illustration: Charles Williams/madeup.org*

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