CONTENTS

1451 & 1491

An apparatus for making seaborgium-carbon bonds

19 SEPTEMBER 2014 • VOLUME 345 • ISSUE 6203

NEWS

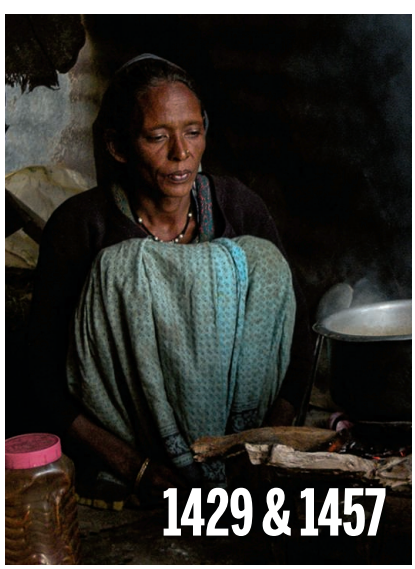
IN BRIEF

IN DEPTH

FEATURES

INSIGHTS

PERSPECTIVES



BOOKS *ET AL.*

LETTERS

Published by AAAS

CONTENTS

1515
How gene repression is remembered when cells divide

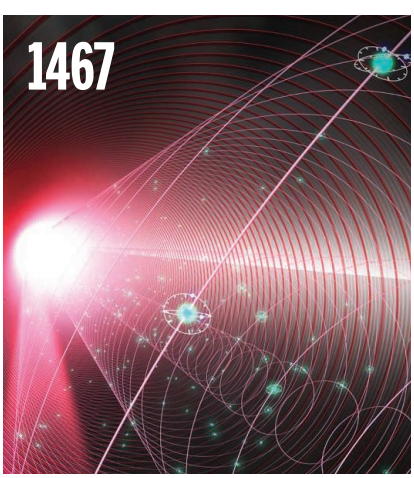
19 SEPTEMBER 2014 • VOLUME 345 • ISSUE 6203

RESEARCH

IN BRIEF

REVIEW

RESEARCH ARTICLES



REPORTS

DEPARTMENTS

ON THE COVER

Artist's impression of how a bacterial immune complex, called Cascade (foreground structure), from the CRISPR-Cas system recognizes invading DNA (red-blue-black strand) from a bacteriophage. Cascade, a complex of 11 proteins and a guide RNA, uses the sequence of the guide RNA to detect invading DNA. See pages 1452, 1473, and 1479 for a close-up look at Cascade before and after it binds to its target DNA. *Illustration: Valerie Altounian/*Science*; protein coordinate data supplied by Scott Bailey*

IMAGE: (TOP) LAURA J. GAYDOS; (BOTTOM LEFT) STEVEN BURROWS/BRAD BAXLEY

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