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Fluorescence microscopy image showing fragmentation
of chromosomal DNA (green) during programmed cell death
or apoptosis in a Caenorhabditis elegans embryo. Chromosomes
are stained blue and nuclear envelopes red. During apoptosis,
the ribonuclease Dicer, known for its role in gene silencing,
is converted to a deoxyribonuclease and initiates this
DNA fragmentation process. See page 327.
Image: Jay Parrish/University of Colorado

www.sciencemag.org  SCIENCE  VOL 328  16 APRIL 2010
Published by AAAS
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