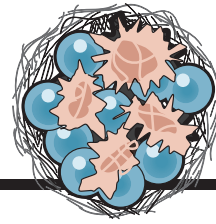


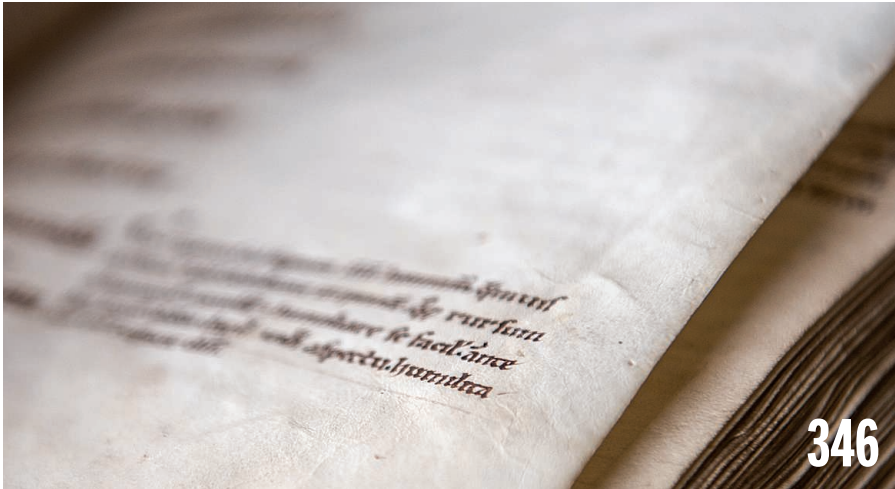
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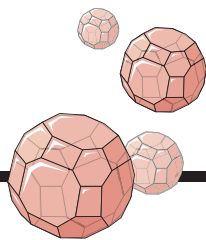
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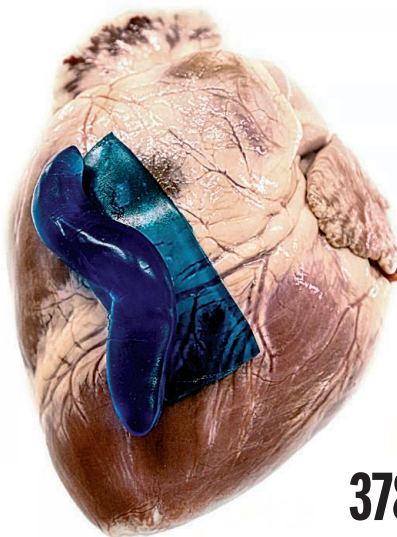
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ON THE COVER



Conceptual illustration of chromatin inside a cell's nucleus. To fit in the nucleus and mitotic chromosomes, DNA is assembled into chromatin, the structure of which determines the functions of our

genome. By painting cells with a DNA binding dye that deposits a metal dusting on the surface of DNA, Ou *et al.* were able to visualize the chromatin structure of the human genome. For more on the process behind the cover image, see <http://scim.ag/2tUczje>.
Illustration: Valerie Altounian/Science

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