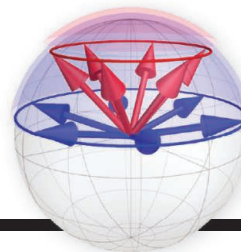


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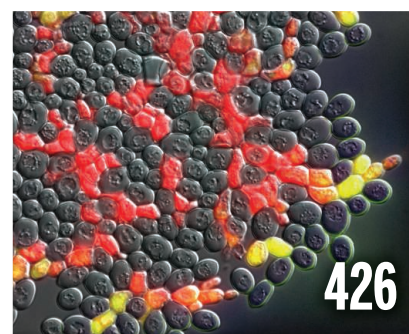
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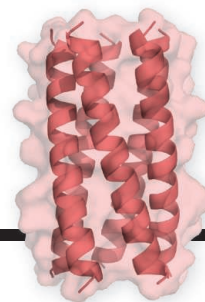
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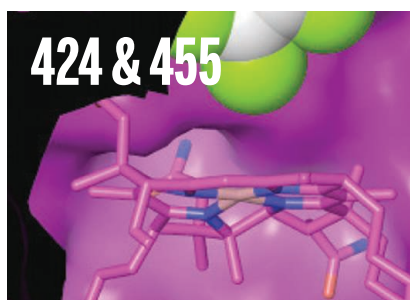
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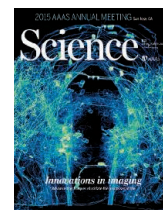


Image from the laboratory of the 2014 Nobel Prize winner for chemistry, Eric Betzig, showing neurons in the brain of a live zebrafish embryo. Sample-induced aberrations often degrade imaging

quality in multicellular specimens, but a clear view was obtained here by using adaptive optics, the same technology used to view distant astronomical objects through Earth's turbulent atmosphere. For more on imaging, see page 439 and [dx.doi.org/10.1126/science.1257998](http://dx.doi.org/10.1126/science.1257998).

*Image: Kai Wang, Eric Betzig, Janelia Research Campus; Jeff Mumm, Johns Hopkins University*

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