

Podcast: A complex eye in a single cell, hot lizards change sex, and robot morals

Nature's weekly audio round-up.

02 July 2015

The eye is a complex structure made of millions of specialized cells. Right? Not necessarily. Scientists have studied the origins of a complex eye — with the equivalent of a retina, lens, iris and cornea — within a single-celled plankton. They found that the 'eye' is made of tiny subcellular components — with one piece stolen from a species of red alga¹. Hear author Greg Gavelis explain more on the show. Plus, [teaching robots to behave ethically](#) and the Australian lizard that uses genetics and temperature to determine the sex of its offspring². When the heat rises, boys become girls.

The *Nature Podcast* is *Nature's* weekly audio round-up of the best science news and research. Subscribe for free through [iTunes](#) or other podcasting software to make sure that you don't miss an episode. Full show notes on the [Nature](#)

[Podcast homepage.](#)

Nature | doi:10.1038/nature.2015.17898

References

-
1. Gavelis, G. *et al.* <http://dx.doi.org/10.1038/nature14593> (2015).
 2. Holleley, C. *et al.* *Nature* **523**, 79–82 (2015).