

1. O'Brien, S.G. *et al.* *N. Engl. J. Med.* **348**, 994–1004 (2003).
2. Slamon, D.J. *et al.* *N. Engl. J. Med.* **344**, 783–792 (2001).
3. Soria, J.C. *et al.* *N. Engl. J. Med.* **378**, 113–125 (2018).
4. Tsimberidou, A.M. *et al.* *JCO Precis. Oncol.* **2017**, <https://doi.org/10.1200/PO.17.00002> (2017).
5. Wheeler, J.J. *et al.* *Cancer Res.* **76**, 3690–3701 (2016).
6. Lee, J.-K. *et al.* *Nat. Genet.* **50**, 1399–1411 (2018).
7. Vlachogiannis, G. *et al.* *Science* **359**, 920–926 (2018).
8. Gao, H. *et al.* *Nat. Med.* **21**, 1318–1325 (2015).
9. Kodack, D.P. *et al.* *Cell Rep.* **21**, 3298–3309 (2017).
10. Jacobsen, E., Shanmugam, V. & Jagannathan, J. *N. Engl. J. Med.* **377**, 2398–2399 (2017).
11. Janku, F. *et al.* *Cell Rep.* **6**, 377–387 (2014).

Research Highlights

Papers from the literature selected by the Nature Biotechnology editors. (Follow us on Twitter, @NatureBiotech #nbtHighlight)

Meeting brain–computer interface user performance expectations using a deep neural network decoding framework

Schwemmer, M.A. *et al.* *Nat. Med.* [10.1038/s41591-018-0171-y](https://doi.org/10.1038/s41591-018-0171-y) (2018)

Sixteen diverse laboratory mouse reference genomes define strain-specific haplotypes and novel functional loci

Lilue, J. *et al.* *Nat. Genet.* [10.1038/s41588-018-0223-8](https://doi.org/10.1038/s41588-018-0223-8) (2018)

Rapid improvement of domestication traits in an orphan crop by genome editing

Lemmon, Z.H. *et al.* *Nat. Plants* **4**, 766–770 (2018)

Generation of human oogonia from induced pluripotent stem cells *in vitro*

Yamashiro, C. *et al.* *Science* [10.1126/science.aat1674](https://doi.org/10.1126/science.aat1674) (2018)

In utero CRISPR-mediated therapeutic editing of metabolic genes

Rossidis, A.C. *et al.* *Nat. Med.* **24**, 1513–1518 (2018)

Transcriptional recording by CRISPR spacer acquisition from RNA

Schmidt, F., Cherepkova, M.Y. & Platt, R.J. *Nature* [10.1038/s41586-018-0569-1](https://doi.org/10.1038/s41586-018-0569-1) (2018)