New class!
EE193/COMP 150: Computing with Biological Parts, Spring 2019
For more detail, see https://www.ece.tufts.edu/~joelg/bio-parts or e-mail joel.grodstein@tufts.edu

Learn what bioelectricity is, and how it helps compute where our eyes wind up on our face.

Build bacteria with NAND gates and latches inside of them! Use them to fight tumors.

Learn about the planarian – a worm that is practically immortal and has traveled on the International Space Station to reproduce.

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1. No actual organisms will be created. We’ll stick with computer simulations.
2. Not actually FDA approved (or even close). However, several precursors to this have been demonstrated in the lab
3. A fair amount of evidence exists for this in planaria and tadpoles; there is little or no evidence of any such claims for humans
4. Really!