

Biodesign: Scientists team with artists to use synthetic biology in making everyday items

Synthetic biology is a rapidly growing market, expected to reach [\\$13.4 billion by 2019](#). Often called...biodesign, the field is increasingly relevant to designers.

Put simply, biodesign is the intersection between biology and design: It's a growing movement of scientists, artists, and designers that integrates organic processes and materials into the creation of our buildings, our products, and even our clothing.

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Thanks to advances in computing, our machines can now read and write with DNA. When it comes to working with living organisms, we're able to iterate faster and design with more precision. Proponents of biodesign see this as a way to build things and create products more sustainably, since living things grow and multiply with little energy, and could replace toxic materials.

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The exciting thing about the emerging field of biodesign is that it is made up of both scientists and designers, and often the most significant projects are the ones that see the two disciplines partnering up.

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The primary concerns with biodesign have to do with the direction the field is headed: Now that it's possible to edit genes of diverse organisms, will we eventually edit the genome of human embryos? [T]here are also concerns about using it for harm, as with biological weapons.

The GLP aggregated and excerpted this blog/article to reflect the diversity of news, opinion, and analysis. Read full, original post: [A Guide To The \\$13.4 Billion Biodesign Industry](#)