**Biotechnology - Protein Design**

Web Links and information:

Scientists are designing artisanal proteins for your body

<https://www.nytimes.com/2017/12/26/science/protein-design-david-baker.html>

The coming age of de novo proteins design (abstract):

<https://www.nature.com/articles/nature19946>

* There are 20200 possible amino-acid sequences for a 200 aa protein.
* Mostly we have modified existing ones (about 20000 in human body alone)
* Now we have technology, computing, and means to create totally new ones for use in biomedicine and nanotechnology!

Scientists design new protein structure

<https://phys.org/news/2017-05-scientists-protein.html>

This protein designer aims to revolutionize medicines and materials

<http://www.sciencemag.org/news/2016/07/protein-designer-aims-revolutionize-medicines-and-materials>

* With link to ‘the protein folding revolution’ \*really good!