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New Technology Report

Apparently, in the scientific world, it is now commonplace to create oligonucleotides. Having only gotten as far as plant biology (and my own research into some high-level zoology), I asked my friend ChatGPT what this would be used for.

It indicated that printing oligonucleotides involves a series of precise chemical reactions and purification steps to produce high-quality DNA or RNA sequences tailored to specific research or biotechnological applications, such as scary-sounding things, such as gene-editing, but also apparently used in Diagnostic Assays, such as PCR-based assays that were used to detect Covid-19.

Generative AI is increasing in use, as well as being sought out for copyright infringement, since the computers can’t actually create anything new, it’s inevitable. I could see something like Dall-e working one perhaps uploaded their own work and asked the computer to base something off of that.

Additionally, it was discovered that Elon Musk has decided he wants to put chips in our heads. Neuralink was founded in 2016 by Elon Musk and a team of seven scientists and engineers. September 2023, the company gained approval for human trial recruitment. In February 2024, Neuralink implanted a human with a brain-chip, and the patient appears to have made a full recovery and is able to control a computer mouse with their thoughts.

Much as I envied Data’s ability to turn on and off his emotions on the Star Trek Next Generation series, I’m not sure I would be ready to accept an implant directed by Elon Musk. In addition to Neuralink being under fire for violating safety protocols, I‘d be concerned if the chips would fail in the winter, like his electric vehicles did last winter. However, I am encouraged by the efforts to gain the ability to control things via thought because of the improvement of life in people who are paralyzed.

I’m also not convinced the Musk did not change the name of Twitter to X simply because “Birds Aren’t Real” protestors picketed.

References

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