

2023

↓ IN BIOTECHNOLOGY ↓

From vaccine innovations, AI, plastic pollution,... to Amino Labs' community stories - let's take a look at our 2023 Biology Recap



The Nobel prize for medicine went to the two researchers who made COVID-19 vaccines possible thanks to their RNA research! Their findings showed the possibility of synthetic mRNA.

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World-First CRISPR-based Therapeutic Approved for Sickle Cell Anemia in the UK, with about 2,000 individuals eligible right now

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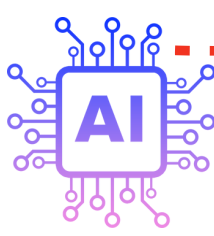
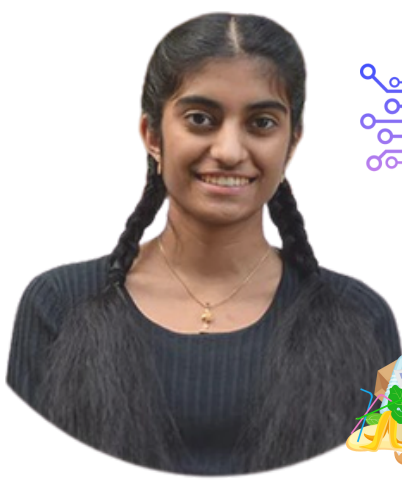


Scientists engineered silkworms with spider genes to spin silk tougher than bulletproof Kevlar

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Neuralink gets FDA approval to start human trials of its brain-computer interface. The first trial is to grant people with paralysis the ability to control a computer cursor or keyboard until their thoughts.

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Researchers are increasing efforts to create microorganisms that can digest plastic rapidly, with the help of AI & ML. Perspectives by Niyathi

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Introducing: Amino Labs' bioplastics kit series and lessons. Plastics you can make that are rapidly degradability, not dependent on petroleum, and can come from food waste!

[Learn more >](#)



Painters can be exposed to toxic fumes. Fortunately, it is possible to make sustainable & safe paint from bacteria. Rathan, a multiple-award-winner of science fairs, shared his journey.

[Learn more >](#)