

# Why Genomics is Poised for Growth

Genomic innovation enables faster detection of disease and the tracking of its spread, in addition to other powerful applications. As a result, it has the potential to radically reshape medicine.

Here's why genomic innovation presents significant opportunities for investors looking ahead.

## Genomic innovation

Gene editing



For cancer treatment, living drugs enabled by genetic editing, are forecast to reach a \$200B addressable market by 2024.

Source: ARK Investment Management LLC (Aug 2018)

Cancer detection



Supported by genomic sequencing, multi-cancer screening through liquid biopsies is projected to grow to a \$150B market while preventing 66,000 deaths total annually in the US.

Source: ARK Investment Management LLC (2020)

DNA sequencing



By 2025, long-read DNA sequencing is estimated to reach a \$5B market, growing at a 82% annual rate.

Source: ARK Investment Management LLC (2021)

Agricultural biology



Advances in agricultural biology have led to six-fold income increases for farmers.

Source: Alliance for Science (July 2021)

## Outperformance of Genomic Innovation

Net Returns, USD

