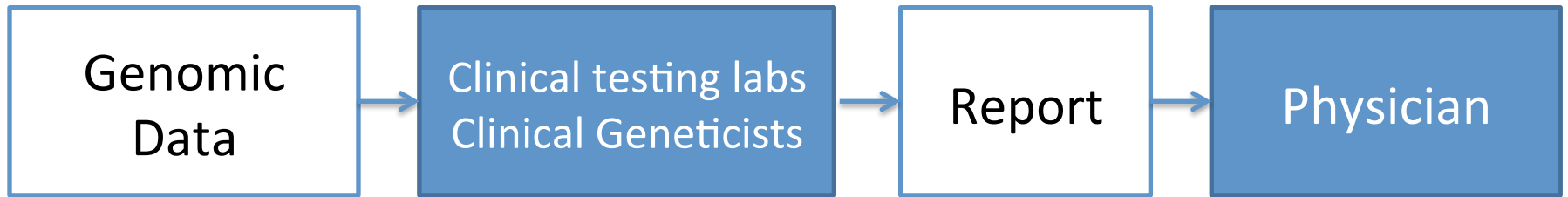


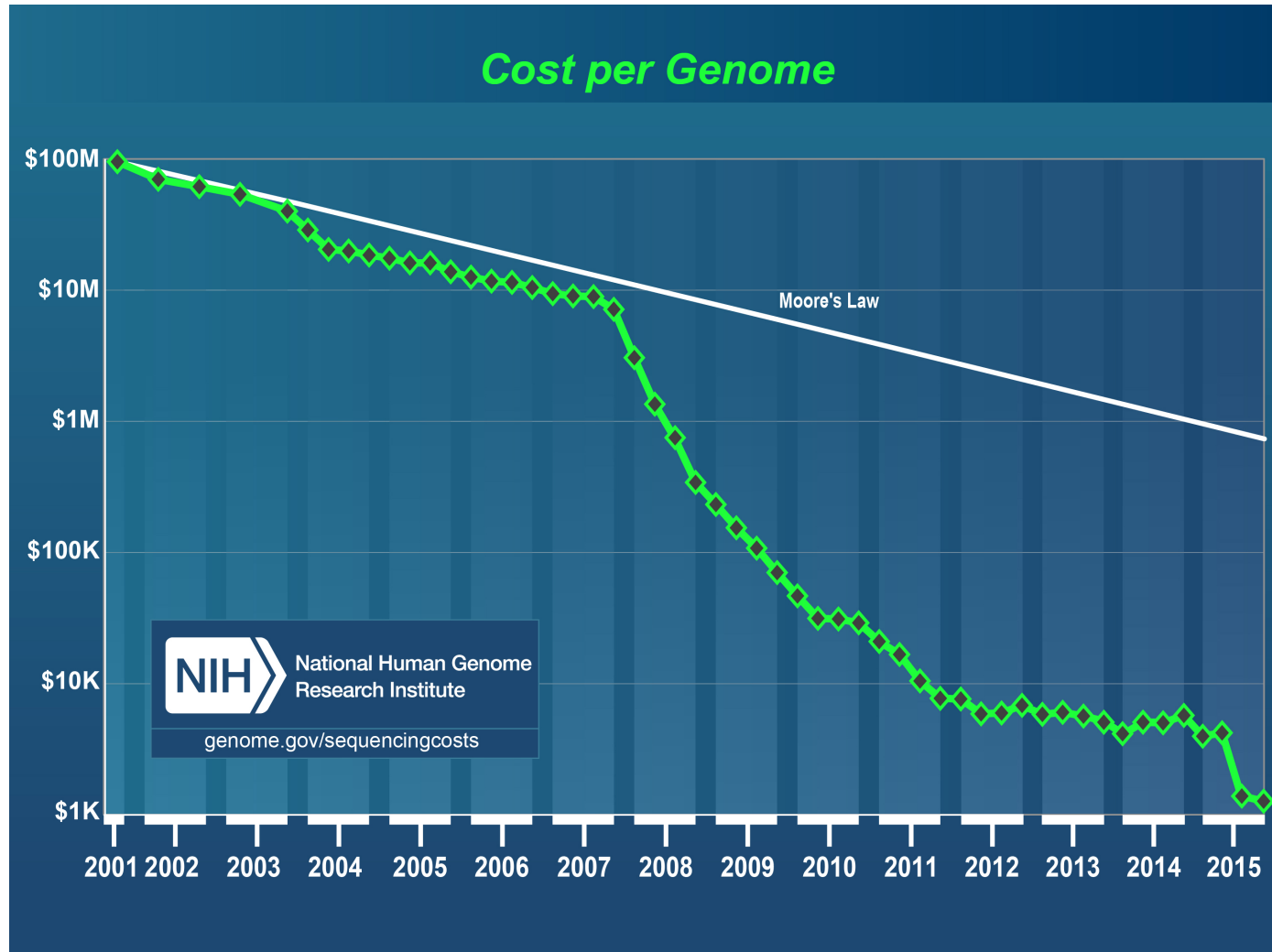
DeepGene

Solve the Genome

Pain: Information Loss and Inefficiency

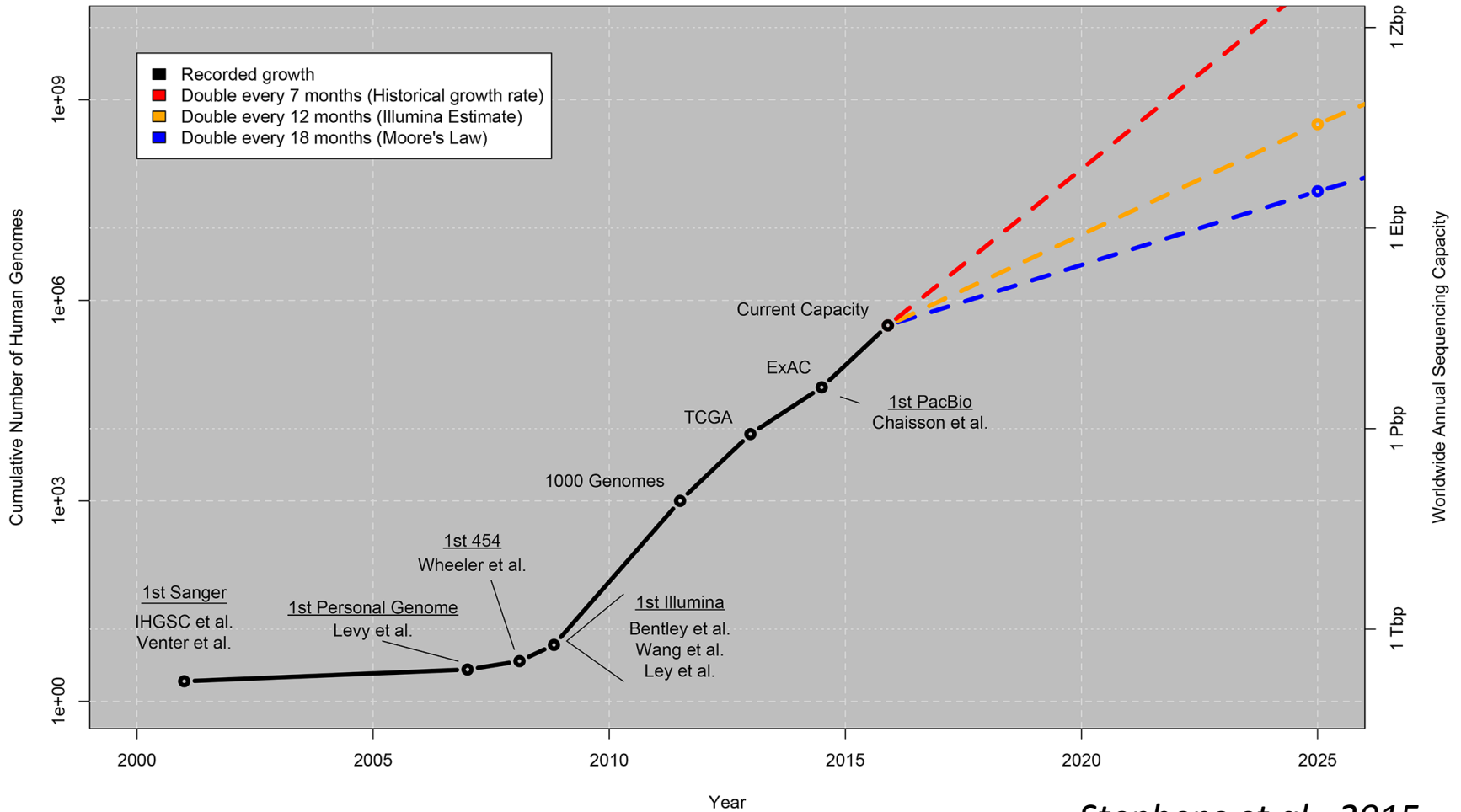


We Will Soon Be Inundated by Genomics



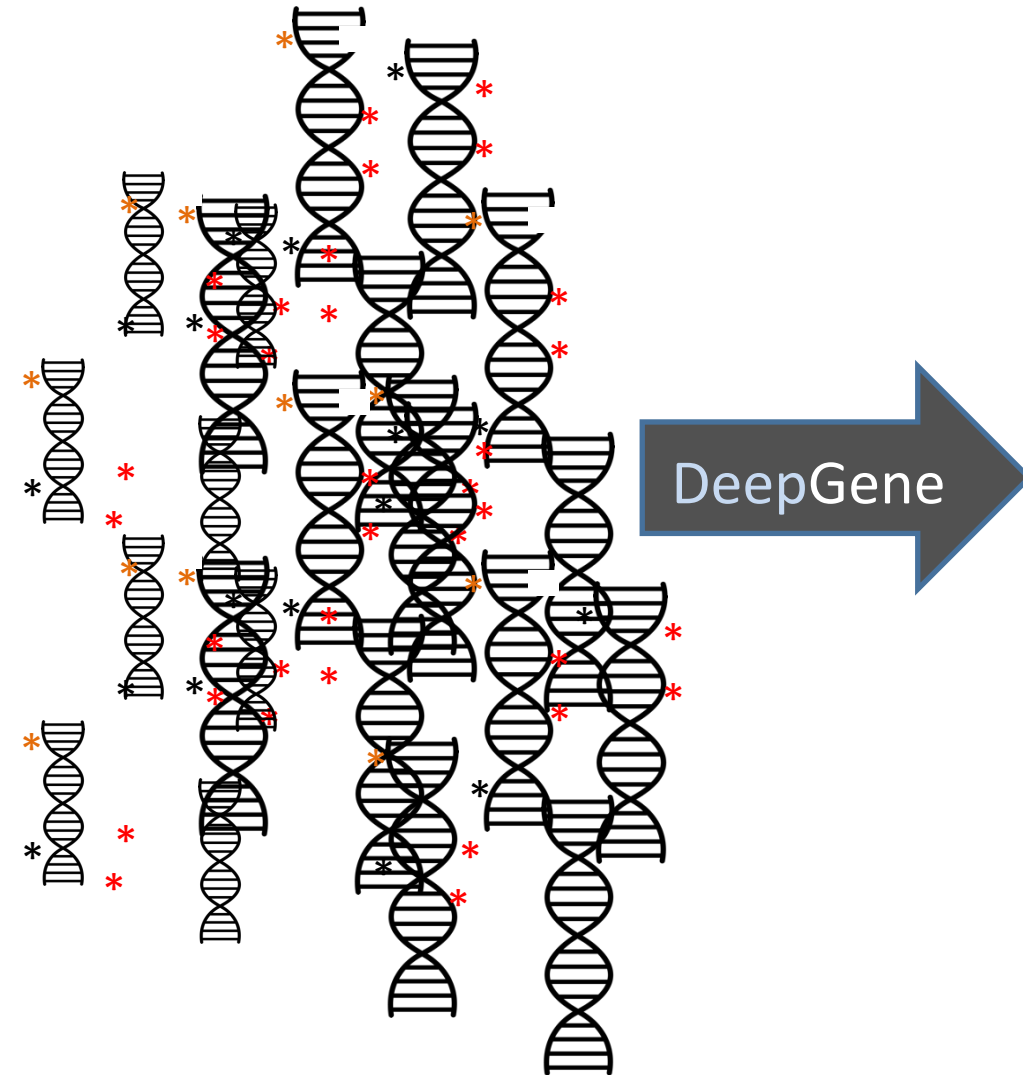
We Will Soon Be Inundated by Genomics

Growth of DNA Sequencing



Stephens et al., 2015

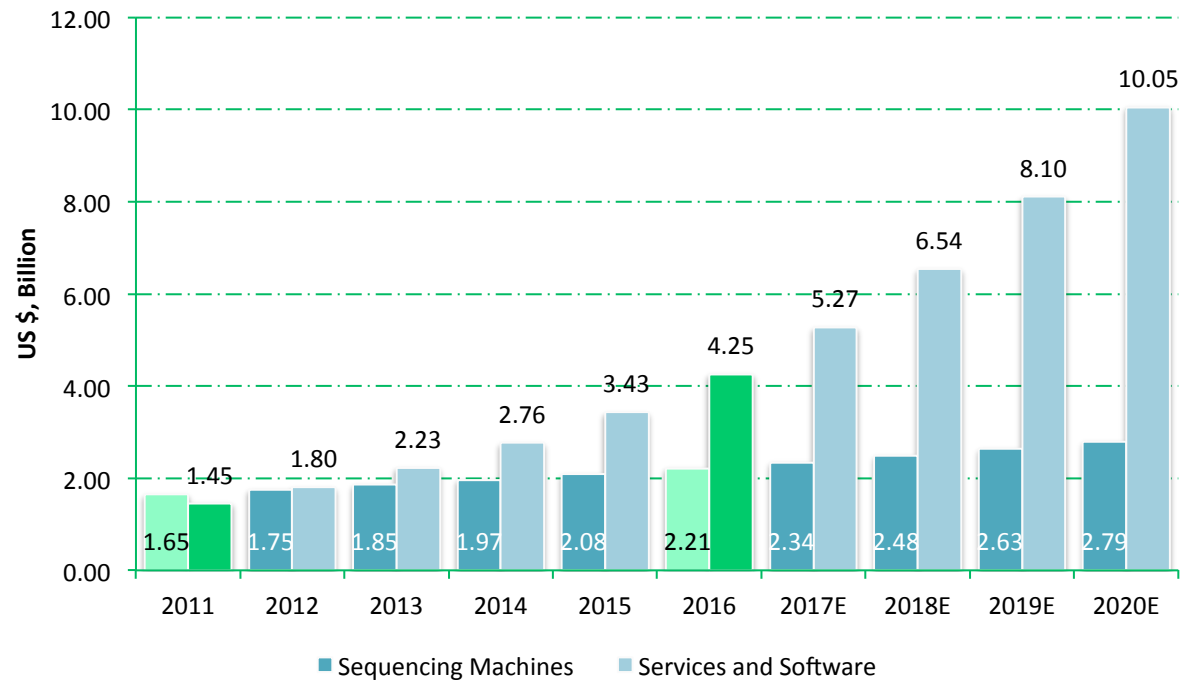
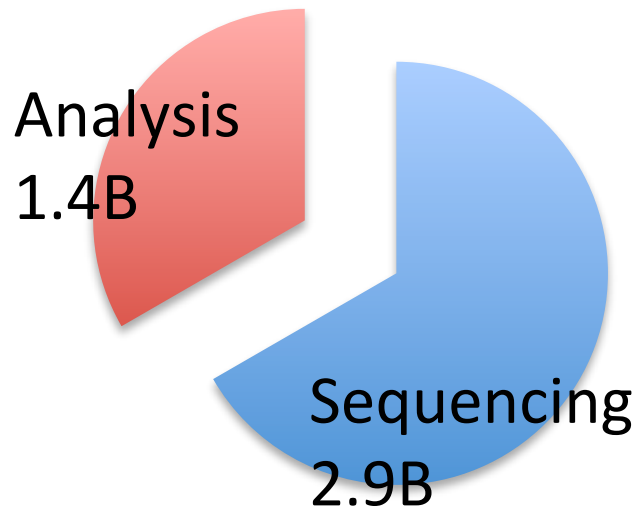
Product: DNA to Prognosis



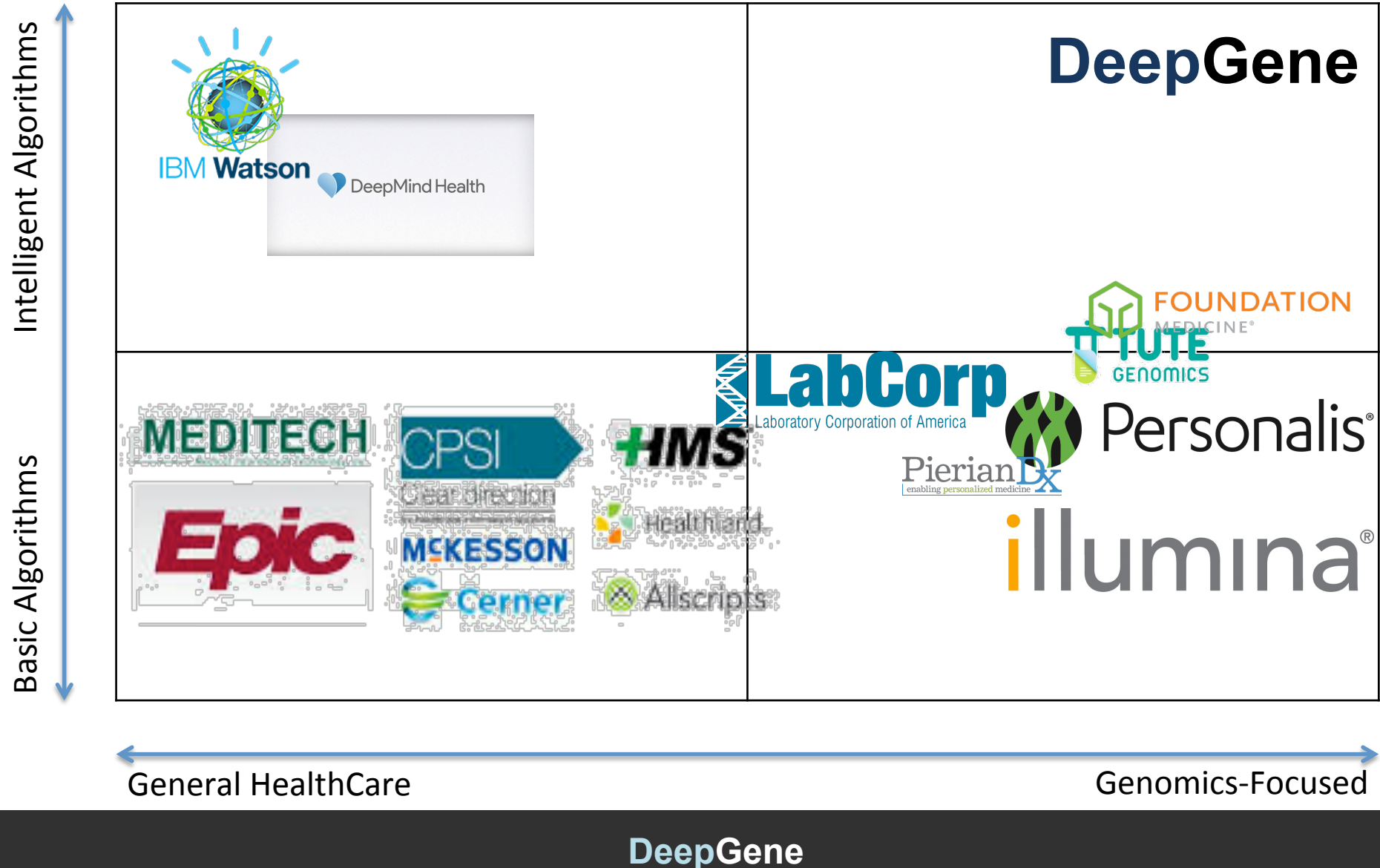
Treatment	Survival
None	5 ± 0.7 years
Chlorambucil	5.3 ± 0.8 years
Radiation	6.3 ± 1.2 years
R-CVP	7.3 ± 0.4 years

Sequencing Market Is Growing Rapidly

Outsourced Sequencing Market



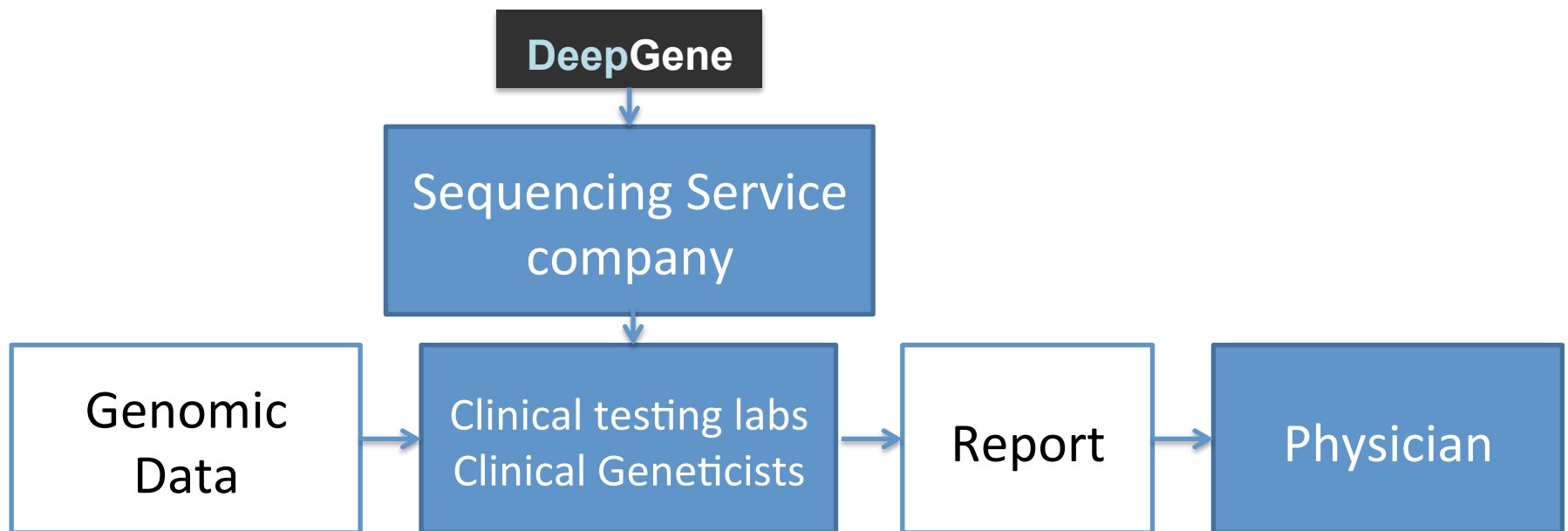
Competition



Business Model

Software as a Service:

- Algorithms hosted on HIPAA compliant clouds
- Target established sequencing service companies



Team



Kuan-lin Huang
PhD Student
CEO

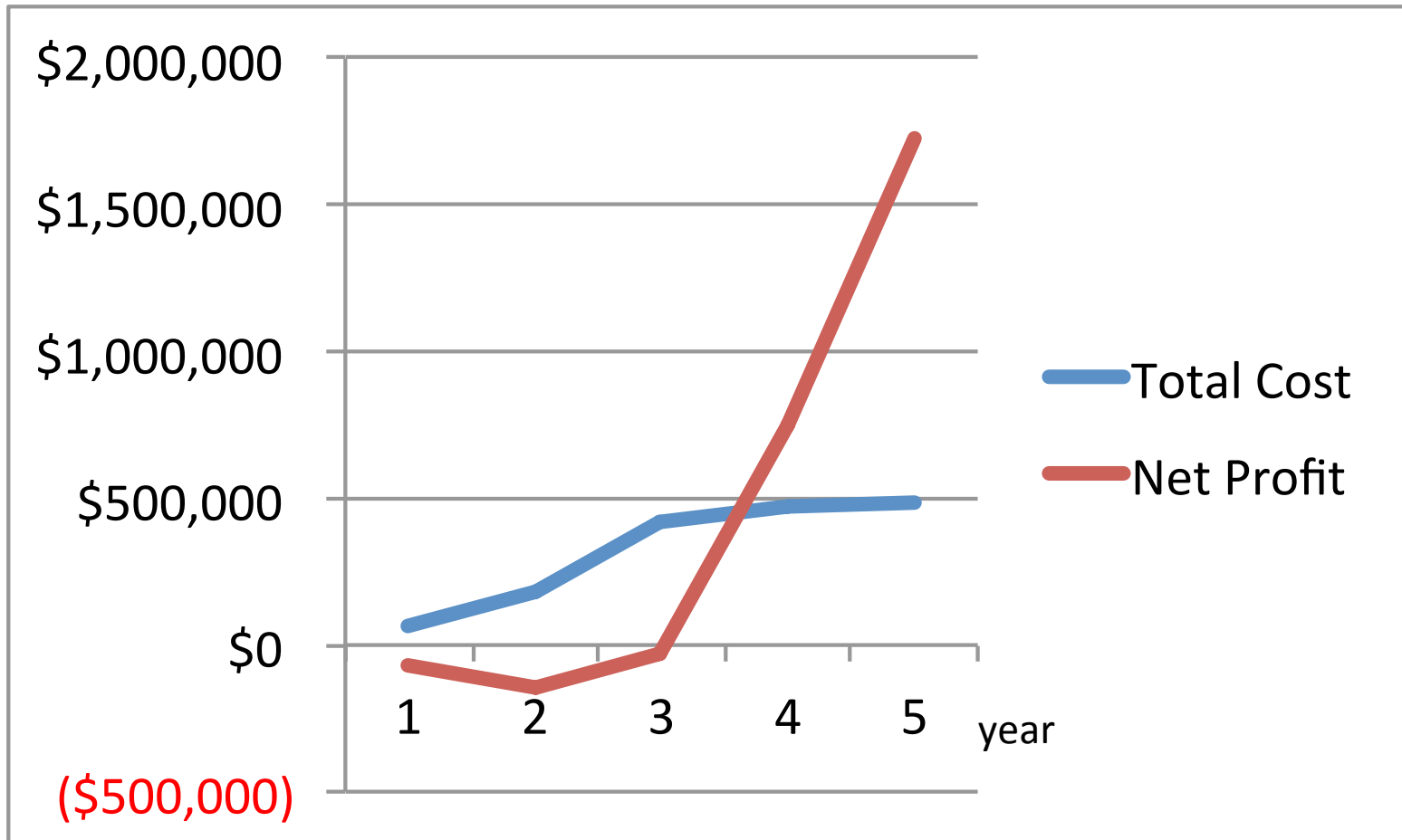


Dr. Adam Scott
Post-doctoral
Researcher
CTO

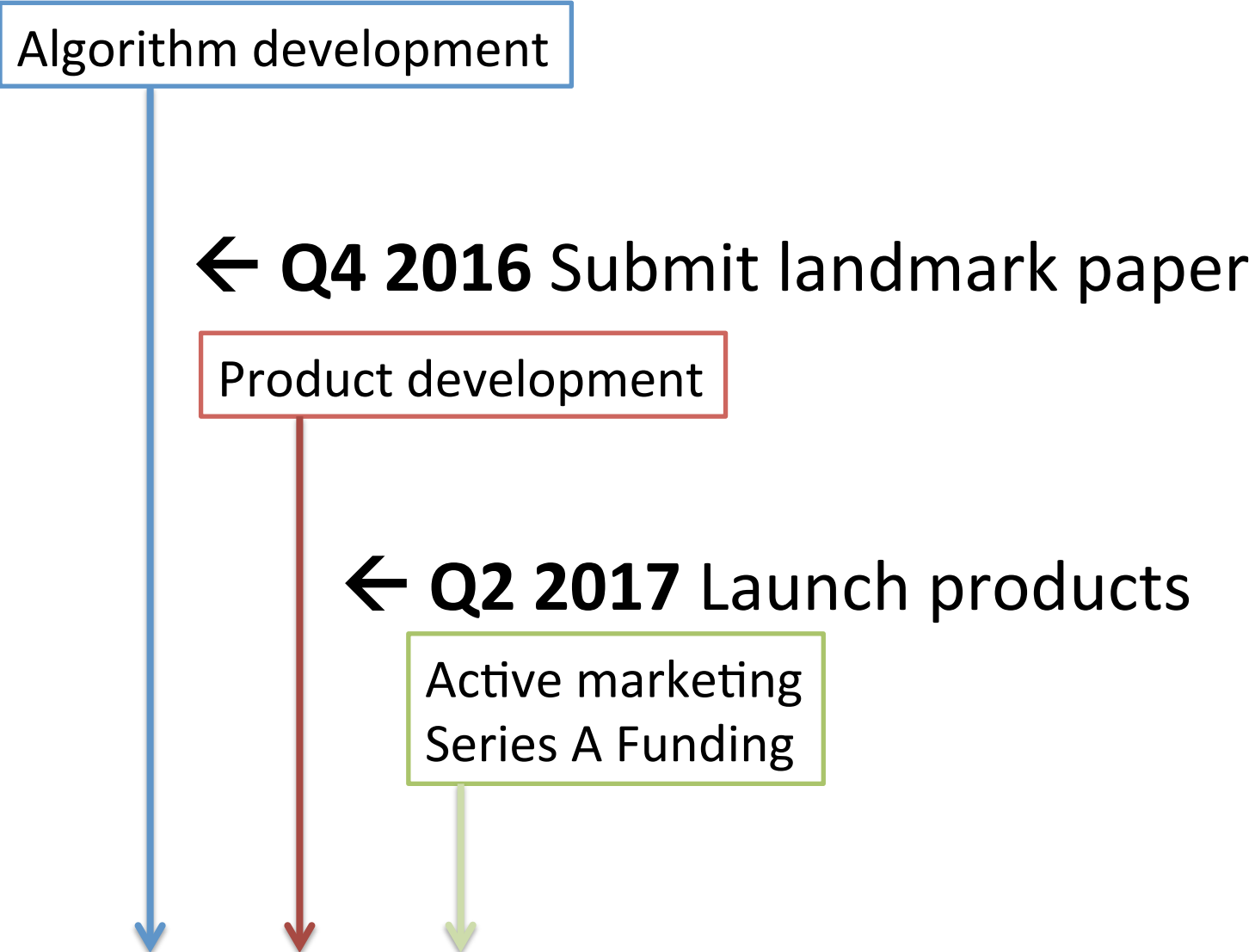
Collaborated in several projects in the **McDonnell Genome Institute** at WashU
Genomics publications: **Nature**, **Nature Medicine**, **Nature Genetics**, etc



Financial projections



Timeline



Questions?

Components

- Clinical & population databases
- Bioinformatics softwares
- Bayes models incorporate prior knowledge of cancer and disease genomics
- State-of-the-art machine learning methods