

The Future of Medicine

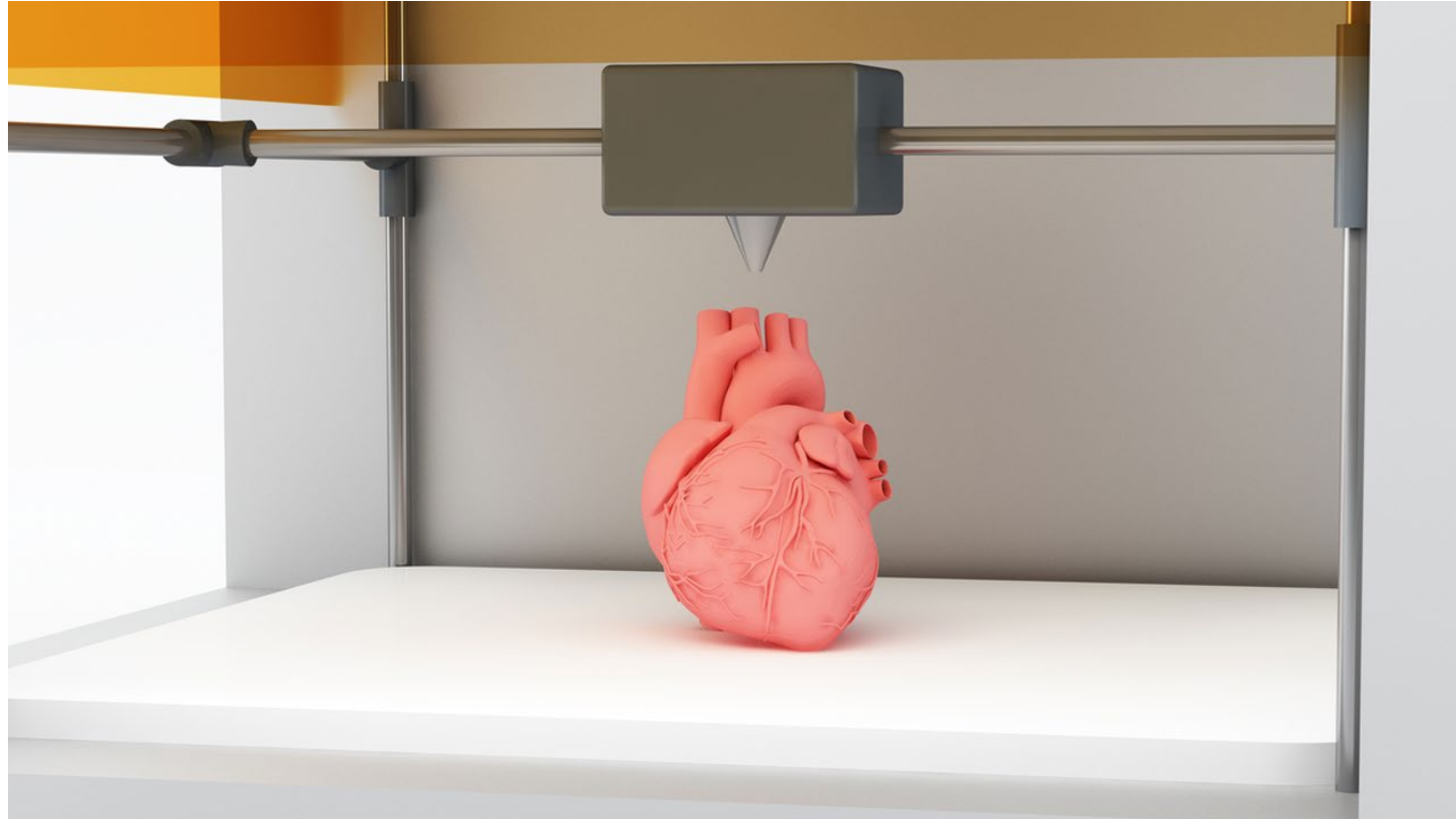
How Silicon Valley wants to extend our lives

Thomas Schulz · Der SPIEGEL



Bloodtest for Cancer:

1 Billion \$

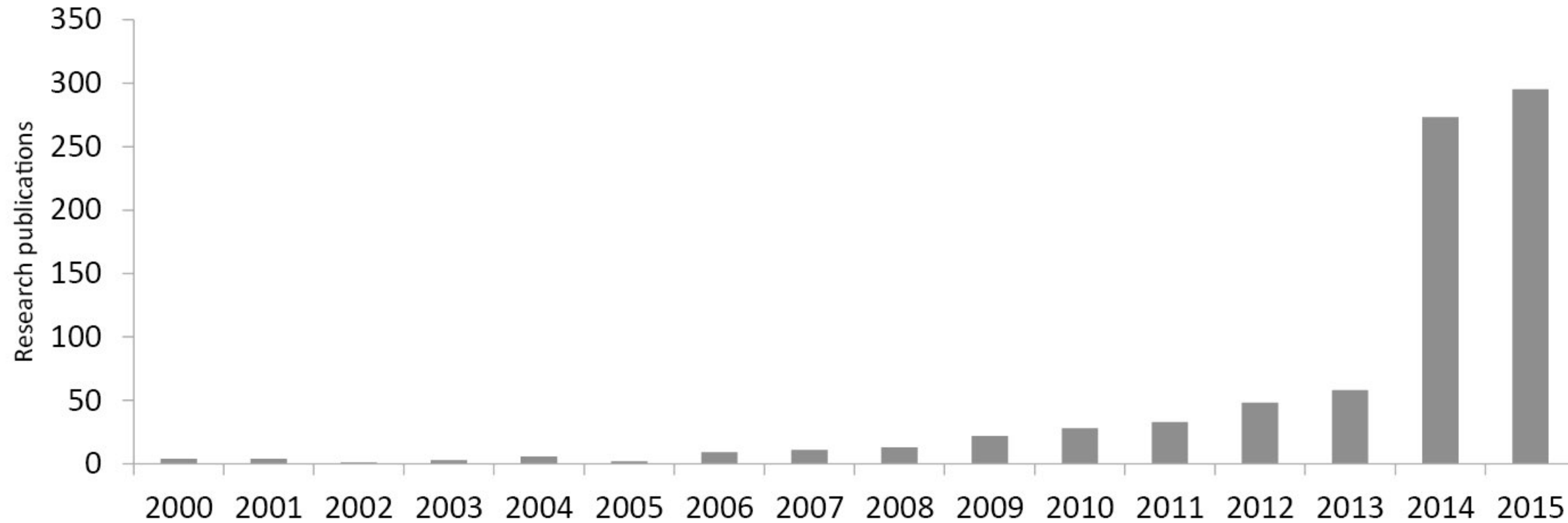


3D-Printing Organs

500 Million \$

Organ Printing

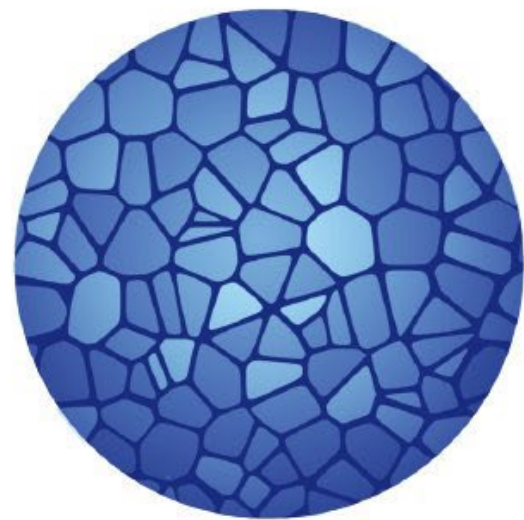
Research Trends in Bio-printing



Source – Pubmed



CHAN ZUCKERBERG
BIOHUB



HUMAN
**CELL
ATLAS**

Universal Therapy for all Infections

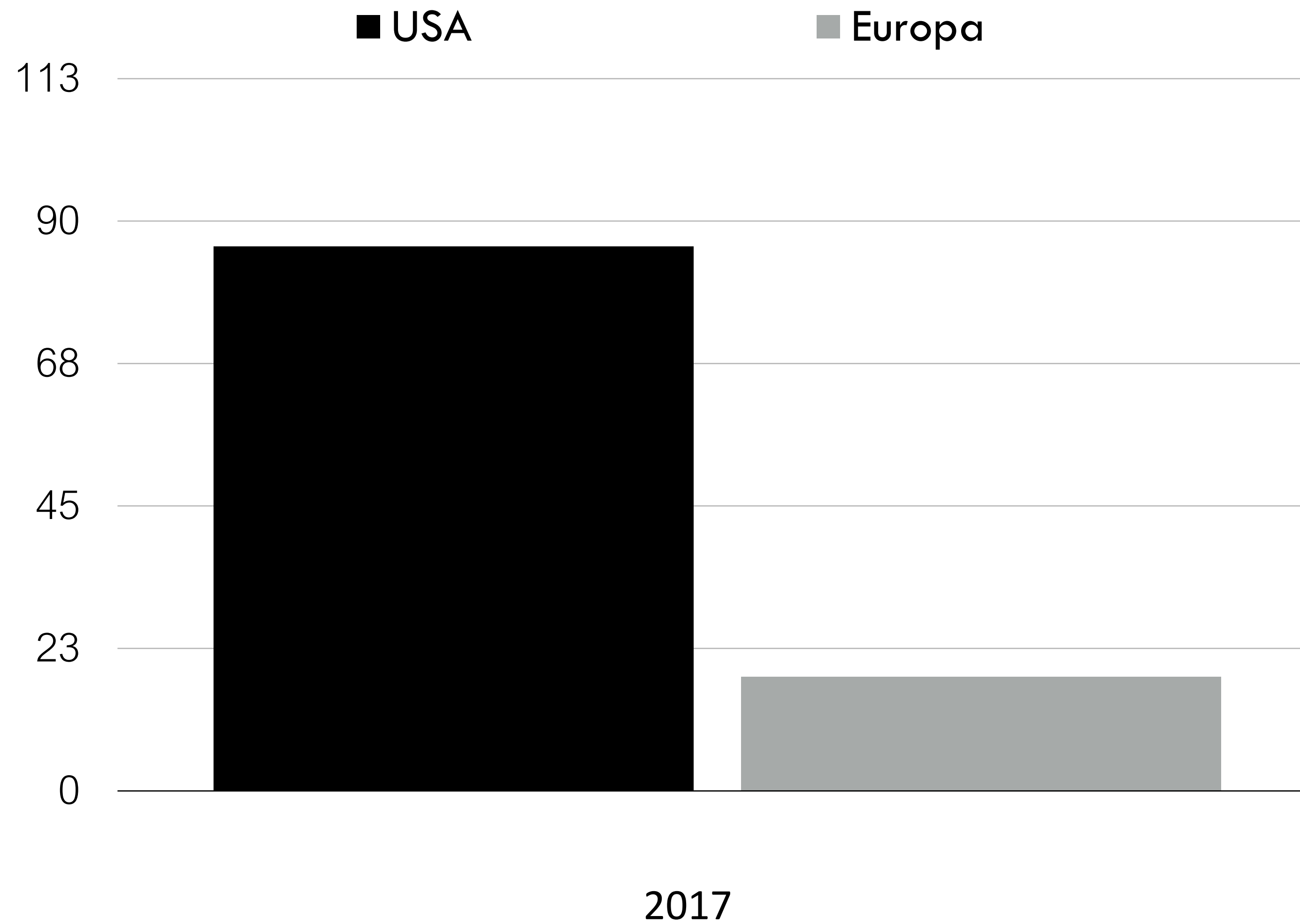
600 Million \$



Extending Life

1 Billion \$

Venture Capital in Billion \$





Rapid Diffusion of Ideas



THOMAS SCHULZ
ZUKUNFTS
MEDIZIN

Wie das Silicon Valley
Krankheiten besiegen und
unser Leben
verlängern will

DVA

SPIEGEL
BUCHVERLAG



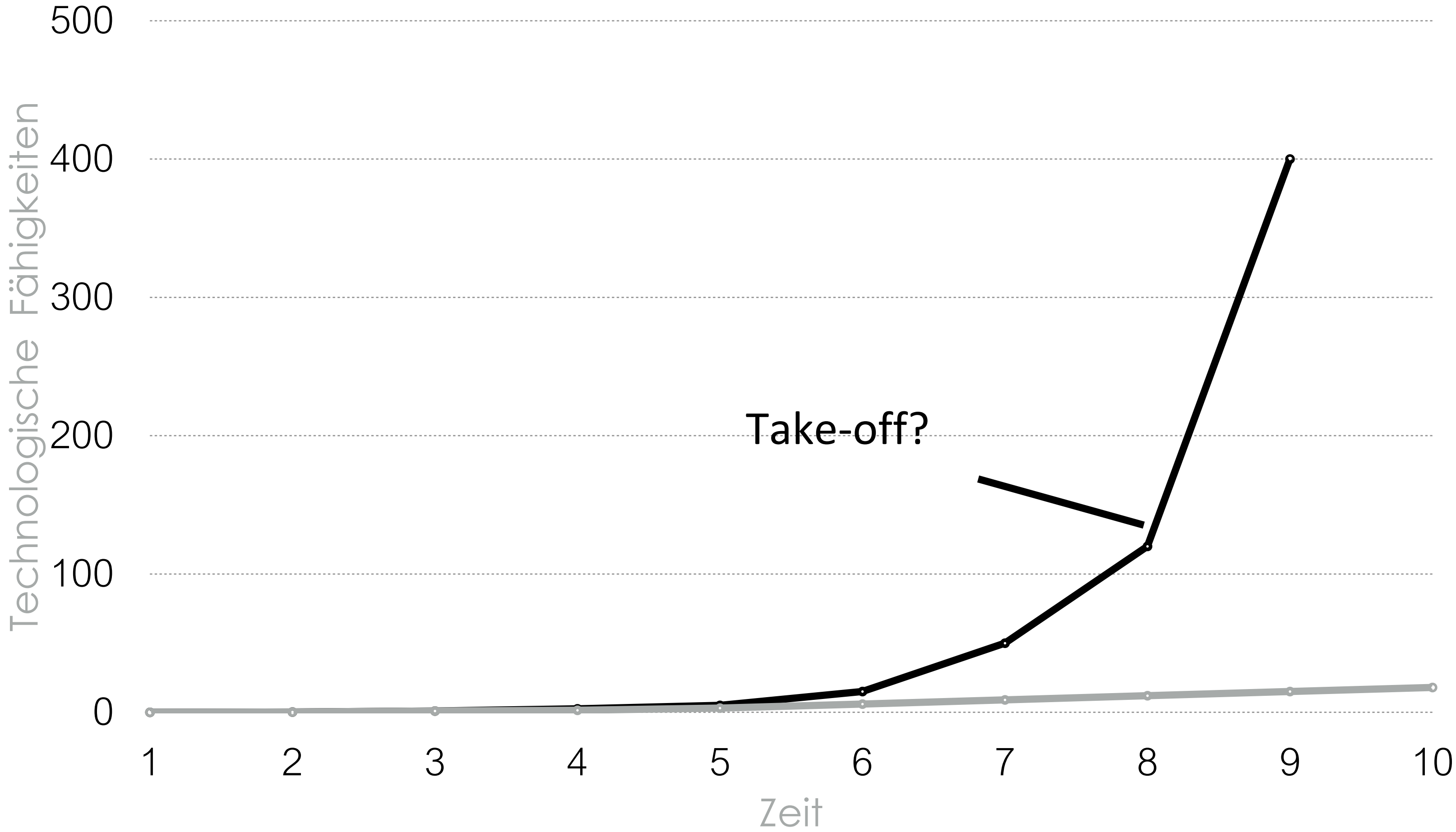
California Ideology: Utopianism + Capitalism

Flying Autonomous Cars: Since 2017



UBER PICKARD CHILTON / ARUP

Convergence





Crispr:

Human Trials
Underway

“AI is one of the most important things humanity is working on. It is more profound than electricity ”

Sundar Pichai, CEO Google

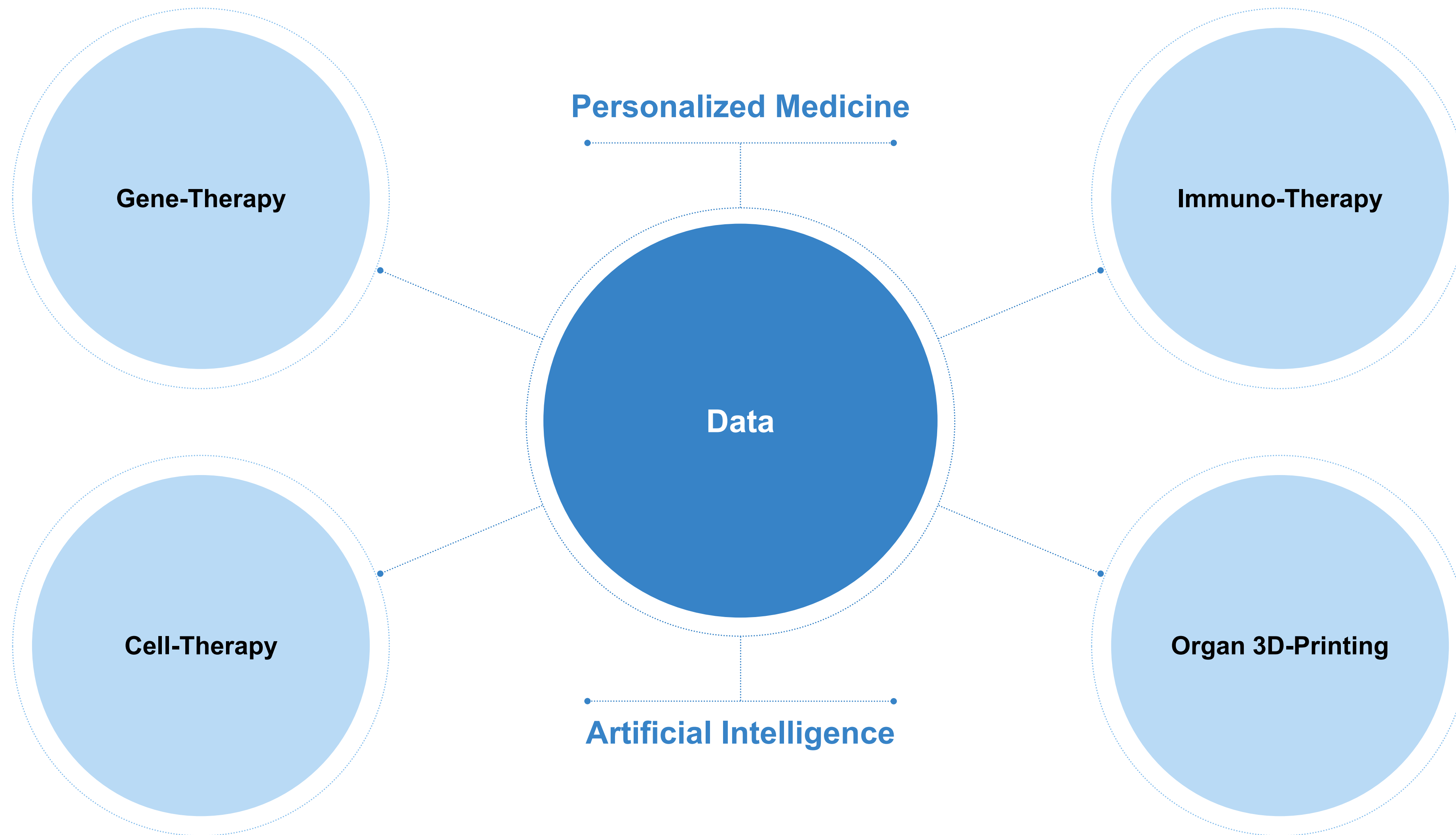
“The machine will free us.”

Sebastian Thrun

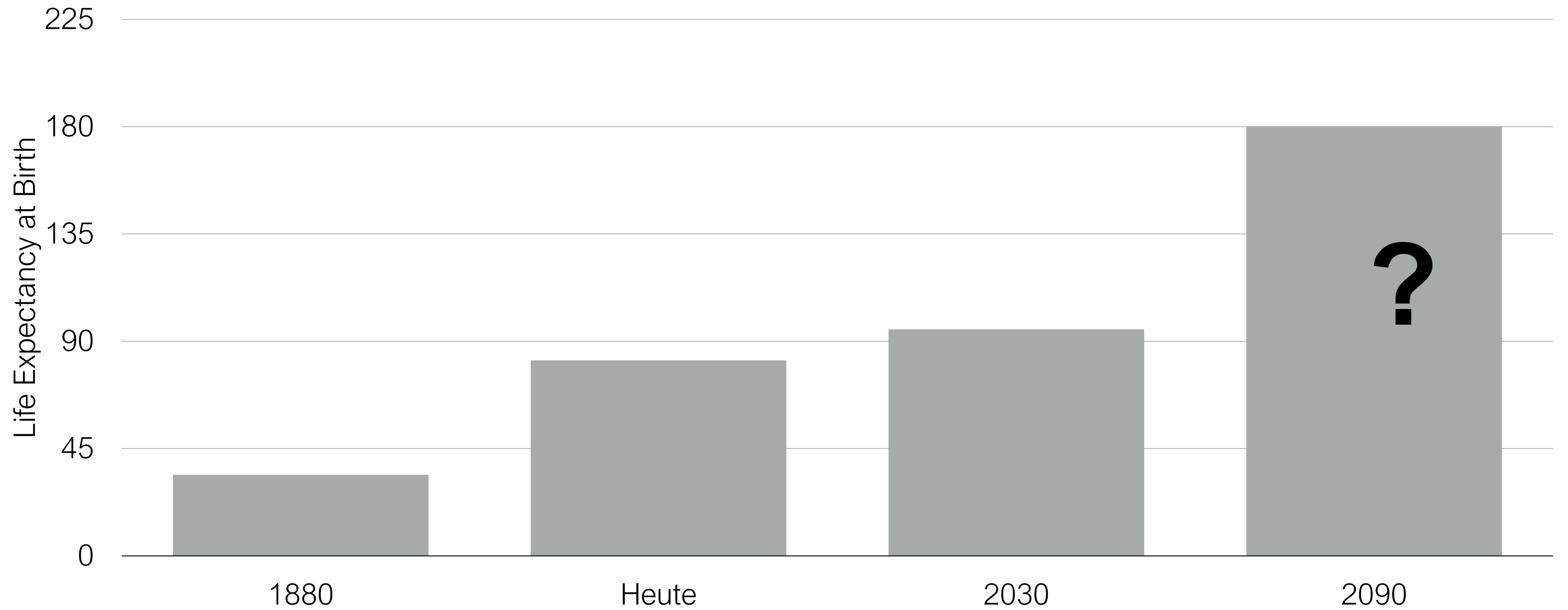




Digital Medicine: Mass Production of Personalized Therapeutics



Living to 180yrs?



“Today, new medical breakthroughs are profoundly altering how we view and treat disease in ways that seemed inconceivable just years ago.”

Scott Gottlieb, Commissioner Food and Drug Administration

“We are at the beginning of a new medical era.”

Prof. Dr. Michael Baumann, President Deutsches Krebsforschung-Zentrum

“We have developed the power to control evolution.”

Prof. Jennifer Doudna, UC Berkeley, Inventor CRISPR



“Software eats the world.”

Marc Andreessen

Thank you!

Thomas Schulz

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