

CAPE & GSK

Areas of collaboration

Personalised preventative health

- Novel materials and sensors
- Wearable Tech
- Data collection and aggregation
- Machine Learning and Deep Learning
- Real-World Evidence
- Analysis and interpretation
- Insights for personalised prevention



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Systems and Devices for Health

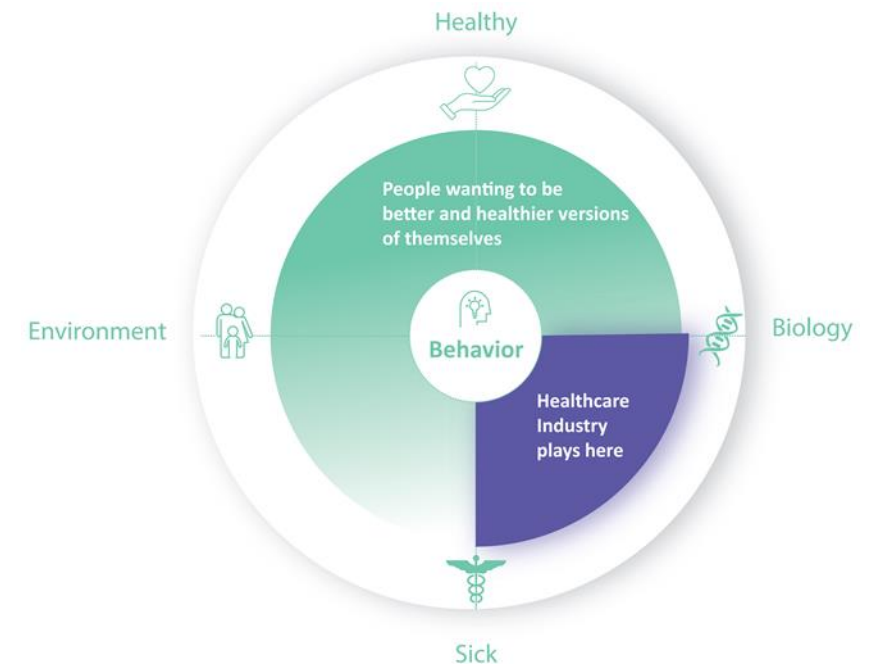
Digital health is here and it is staying

- Businesses are finding value in the data from digital health
- They are in a race to access, understand and exploit data to improve health outcomes

The rise of well-being and prevention

The rise of digital health will empower both physicians and patients:

- New, health-conscious models of care
- Expectations of wellness from patients,
- Expectations of support and information from physicians



Systems and Devices for Health

What are we interested in?

Create the foundations on which amazing and disruptive products and services can be built

Why?

Improve our ability understand the human body and to support everyday health

How?

Sensing

What new measurements of human physiology are possible ?

Knowing

What new insights and information can be gained from available measures?

Edge Research
Entirely New Science

New measurements no-one has been able to make before

New physiological models of biological processes

Maturation
Engineering for Cost & Reliability

Turning Lab-science into technology that can be mass-produced

Development of data tools to create insights and predictive health analysis

Demonstration
Integration into Capability

Integrated sensor systems that can be tested and trialled

Validation of tools such as Predictive AI and Digital Twins

