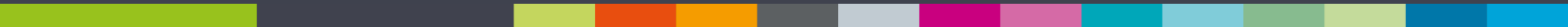




TURKU BUSINESS REGION



Networking with impact

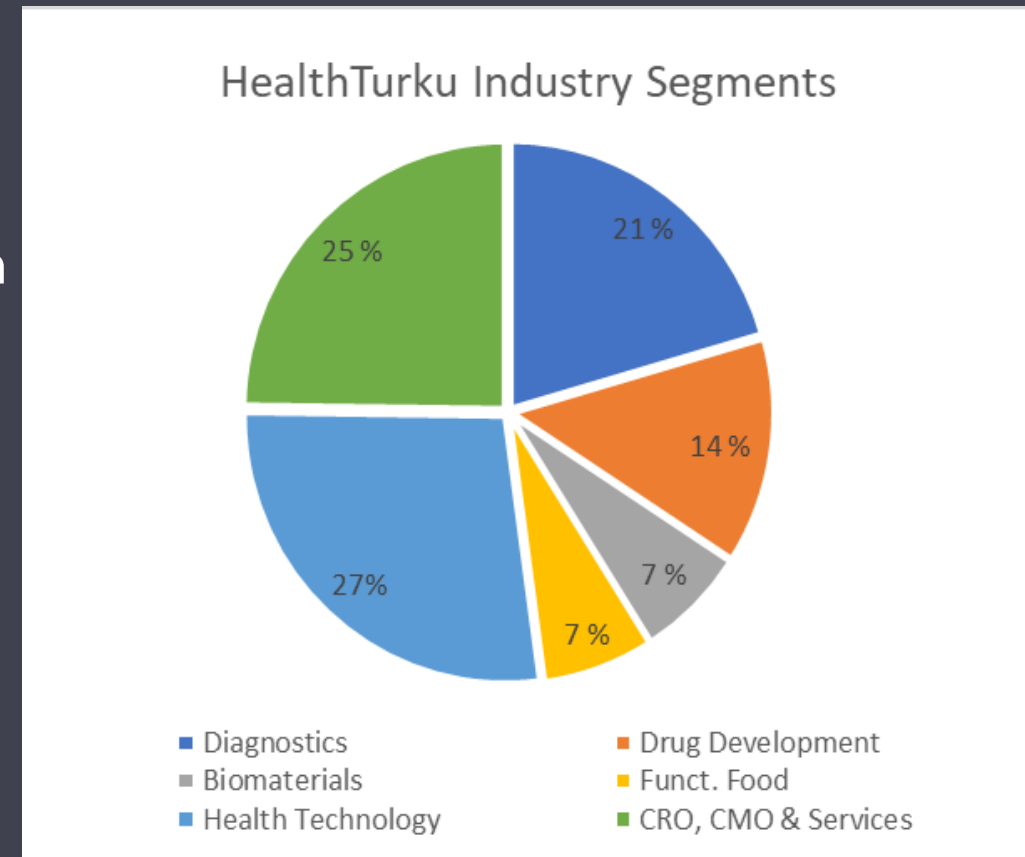


HealthTurku – companies and industry

About half of Finland's pharma and diagnostic industry is located in Turku.

- 100+ Life Science companies in the region
- ca. 75% of Finnish pharmaceutical exports and 50% of *in vitro* diagnostics export come from Turku region
- life sciences employ 20% of the industrial workforce in Southwest Finland

21 out of the total 22 Finnish drugs which have been brought to market have been developed by companies operating in Turku



Top expertise in health and well-being

Turku life-science solutions have global-wide outreach and have an impact on our everyday lives.

- MIRENA® (Bayer), Finland's largest pharmaceutical export product, was developed and is produced in Turku. In 2019, Mirena sales amounted to 1 223 M €. (+100 employees in and 35M€ investment program in 2020)
- Orion is a globally operating Finnish pharmaceutical company. Orion has concentrated its early drug discovery functions and its **biological & translational research** in Turku. (17M€ investment program in 2020)
- In the 1970's researchers at the University of Turku discovered that xylitol dental caries, which lead to the launch of the world's first xylitol chewing gums and pastilles.

DelSiTech

HyTest



PerkinElmer
For the Better

ORION



LOTTE
XYLITOL
KUMI- JA TABLETTI- TUOTTEET

World-Class Diagnostics

Turku region diagnostics companies are global market leaders e.g. in screening of newborns and pregnant women, cardiac markers chemicals and blood gas testing.

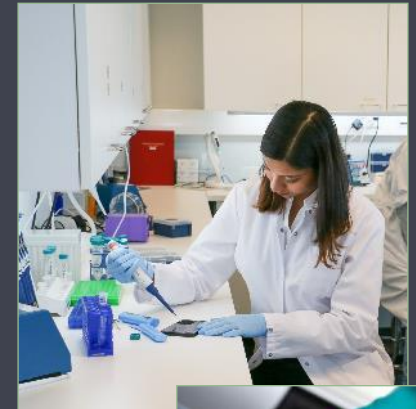
- At PerkinElmer, a pioneer in neonatal screening, a team of 600+ people develops and produces products that enable screening of 40 million newborns annually in over 100 countries. In total, around 500 million babies have been screened so far. (150+ new employees in 2020)
- HyTest is a globally recognized leader in producing antibodies and antigens for the diagnostic industry. For over 20 years, HyTest has been at the forefront of the development of reagents for cardiovascular diseases diagnostics.
- Radiometer pioneered blood gas testing in 1954. The Turku site focuses on POC diagnostics: rapid growth in turnover (50M€) and employment (220+).



Turku Life Science Companies on the Frontline of the Fight against COVID-19

Life science companies in Turku region are developing solutions for COVID-19 diagnostics:

- **ArcDia Ltd:** the mariPOC® platform, rapid POC, CE-registered
- **Abacus Diagnostica Ltd:** GenomEra, PCR, rapid POC, CE-registered
- **Perkin Elmer Wallac:** COVID-19 lab test, upscaling production, CE-registered
- **HyTest:** a series of COVID-19 antibodies and antigens developed, CE-registered
- **Aqsense Health Ltd:** new non-invasive technology



Turku Life Science Companies on the Frontline of the Fight against COVID-19

Life science companies in Turku region are developing solutions for COVID-19 treatment:

- **Faron Pharmaceuticals Ltd:** developing a drug for treating COVID-19. Approved for fast track. Participating in 2 WHO projects.
- **Biovian Ltd:** company has signed an agreement with a European drug development company for the initial production of the COVID-19 vaccine preform.
- **VetroSpace Ltd:** Modules with antimicrobial surfaces, which filter out up to 99,95 % of particles from the incoming air, corona virus included.



Research & Infrastructure in Health Campus Turku

Examples of research units:

➤ BioCity Turku

- Umbrella organization for life science and molecular medicine related research at Univ of Turku and Åbo Akademi University

➤ Turku Bioscience

- Joint department of University of Turku and Åbo Akademi, providing high-end technologies, equipment and expertise for academic and industrial research

➤ Turku University Hospital

- First-in-human facilities for clinical trials

➤ TERTTU testbeds services

- Enables co-creation of new solutions with health care professionals

➤ Auria Biobank and Auria Clinical Informatics

- First clinical biobank in Finland, targeting on personalized medicine. Auria Clinical Informatics provides both research as a service (RaaS) and secure data analysis platform (DAP) service for data-driven real-world analysis studies

➤ National PET Centre

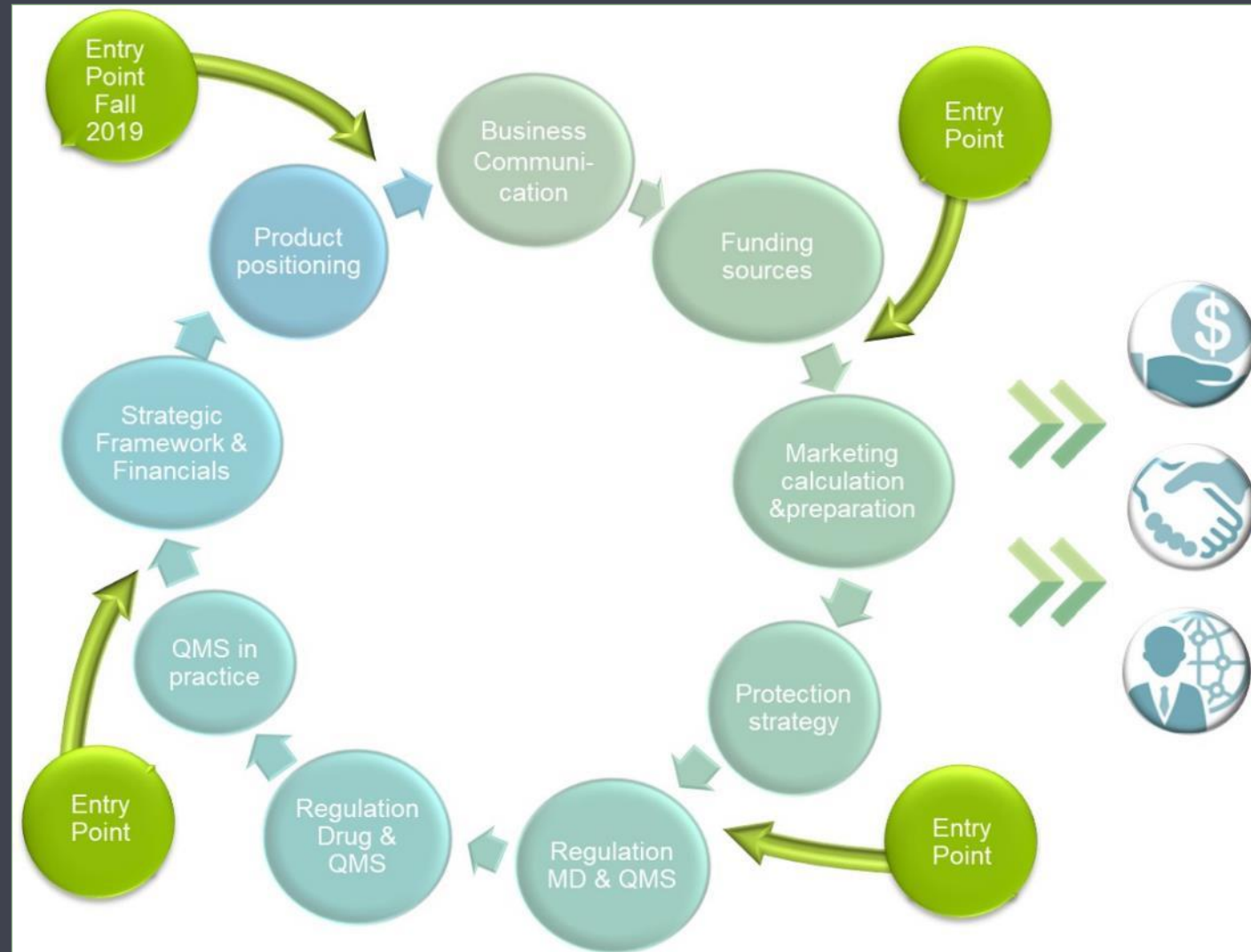
- Highly advanced bioimaging for research and diagnostic purposes

➤ Euro-BioImaging ERIC

- Headquarters and a Node of this European landmark research infrastructure for biological and biomedical imaging

ProHEALTH GROWTH

- A 12 months national growth programme for professional Health companies
- **Entry tracks** during the year at www.prohealthgrowth.com
- Offers coaching, theme specific workshops and mentoring
- Access to mentor, corporate and investor networks
- Organized nationally within Six City Strategy (6Aika KESY)



Ongoing development activities

Health Data
Synthetisation

National Drug
Development
Centre

Hospital ship
reimagined

Modernisation of
Drug Chemistry
and Manufacturing

GEN.ERA -
Boosting genetic
business

Biomarker
Commercialization



A wide range of Life Science know-how