

Executing the Health Sector Growth Strategy



Founders of Finnish Biobanks Cooperative



HOSPITAL DISTRICTS



UNIVERSITIES



Strategic partnership to enhance the execution of the health sector growth strategy in Finland



TERVEYDEN JA
HYVINVOINNIN LAITOS



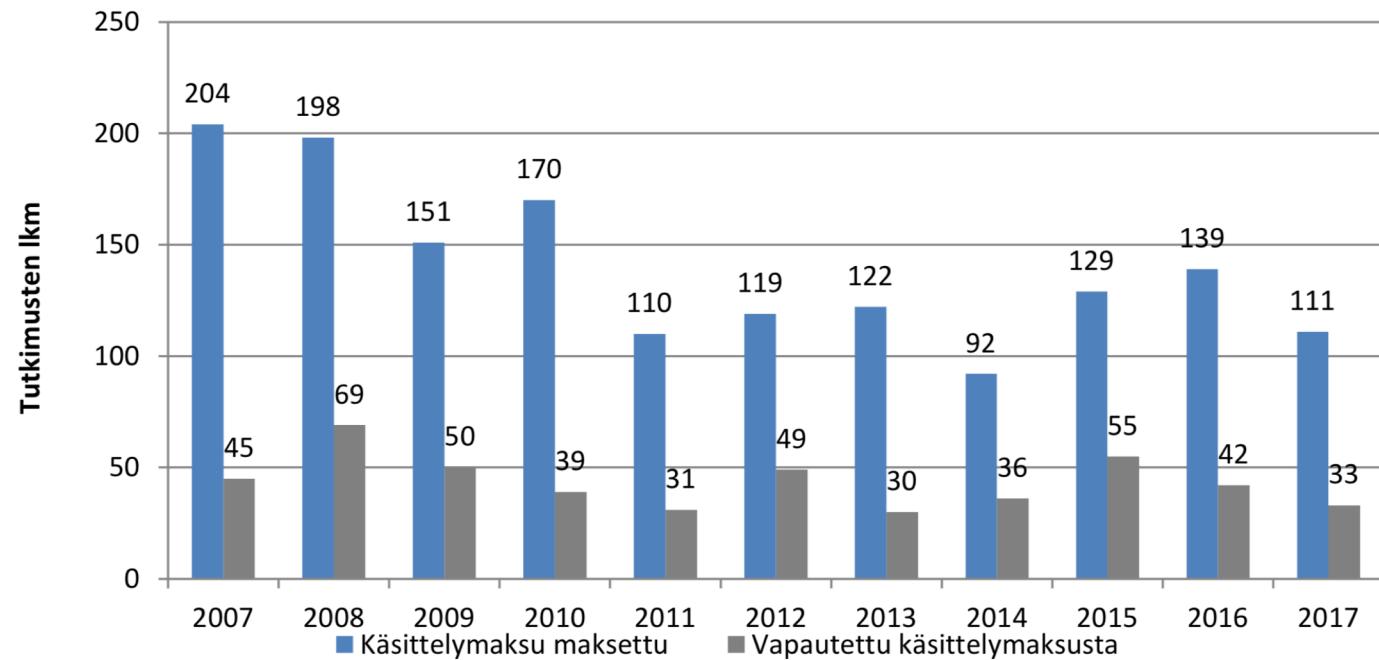
FINBB
FinBioBank

Collaboration agreement 4.4.2019 National Institute of Health and Welfare ja Finnish Biobank Cooperative - FINBB



Untapped opportunities

Clinical trials in Finland



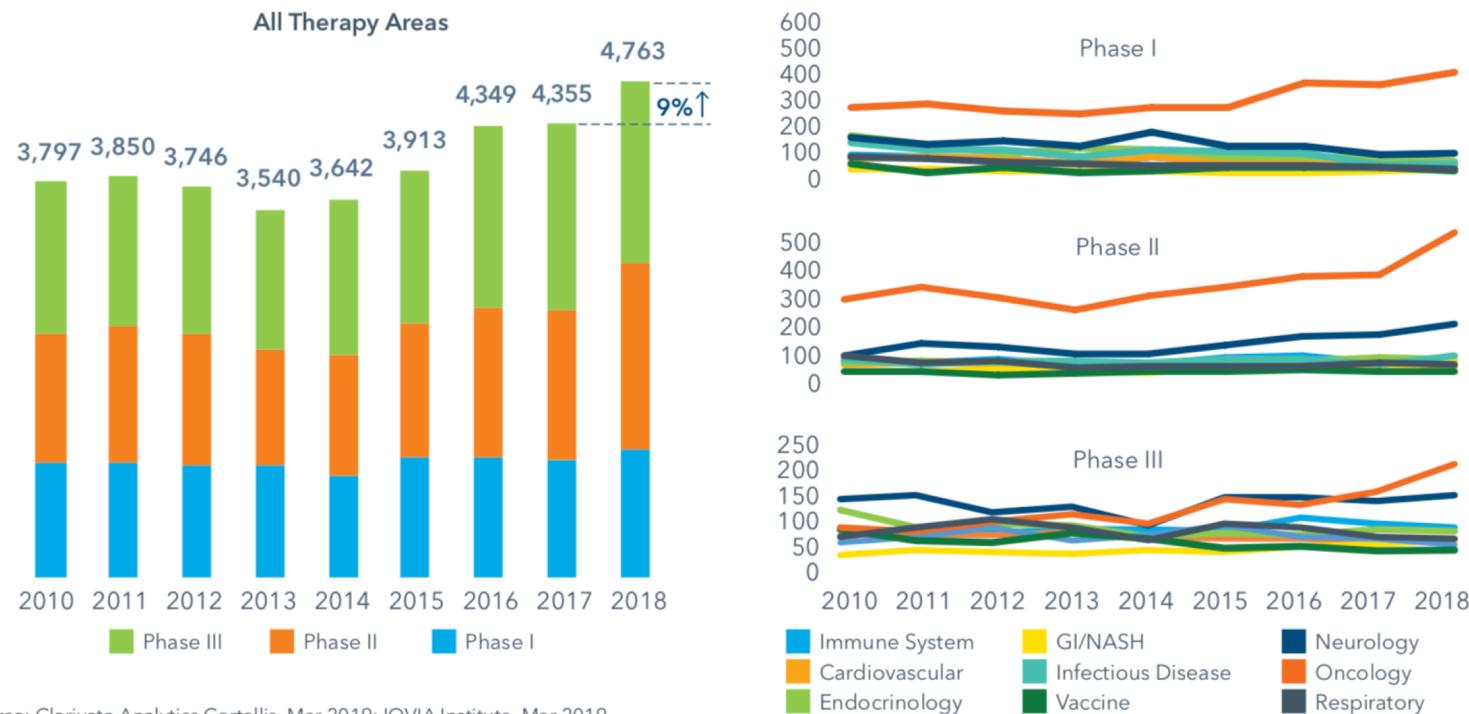
Clinical trials statistics, FIMEA 2017

https://www.fimea.fi/valvonta/kliiniset_laaketutkimukset/tilastotietoa_kliinisista_laaketutkimuksista

The number of clinical trials initiated in 2018 is up 9% over 2017, due partly to an increase in Phase II oncology trials



Exhibit 12: Number of Clinical Trials in All Therapy Areas and Select Therapy Areas by Phase



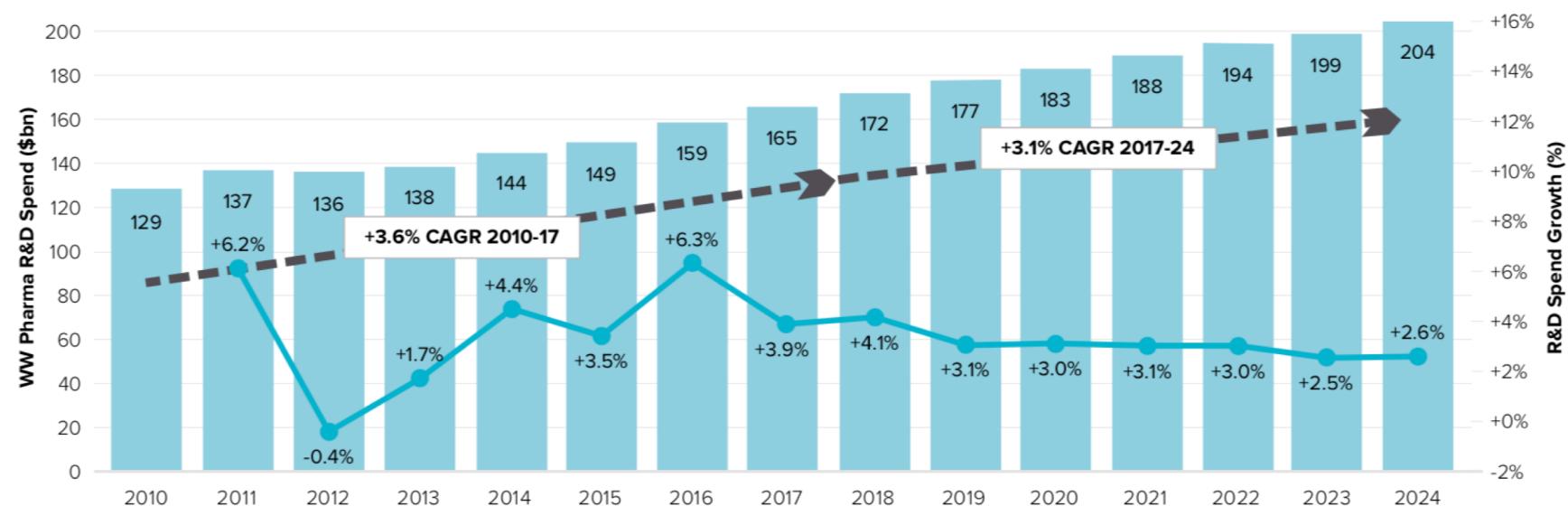
Source: Clarivate Analytics Cortellis, Mar 2019; IQVIA Institute, Mar 2019

Growing R&D market



Worldwide Total Pharmaceutical R&D Spend in 2010-2024

Source: Evaluate, May 2018





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FINBB's strategic focus in 2019



- + Serving FinnGen pharma partners
- + Data infrastructure co-creation
- + Access to biobank samples and data

Serving FinnGen pharma partners



- + Add-on project feasibility enquiries from global R&D teams
- + Biobank and registry study enquiries from Finnish affiliates
- + Listening to the needs of global R&D Teams - survey
 - understand why biobank studies are conducted
 - what is a successful biobank study
 - how national level biobank services could be improved
- + Listening to the needs of local affiliates - survey
 - Results overview planned in June

Add-on study definition



- Phenotype data in FinnGen
 - ICD10 codes and procedure codes
 - Cause of death
 - Medication reimbursement data, medication purchases (date and product)
 - Cancer register data
 - Vision impairment register
 - Biobanks provide with the sample
 - Age
 - Gender
 - (Weight and height)
 - (Smoking)
- Add-on study
 - Laboratory values, hospital treatment periods, drugs administered at hospital, radiology statements and images, pathology data
 - Data can be obtained through biobanks
 - Require separate contracts, protocols and approvals
 - FINBB facilitates, coordinates, manages, contracts

Access to samples and data



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- Biobank of Central Finland
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- Finnish Clinical Biobank Tampere
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3. Direct communication with biobank research specialists
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