

# ***There is more to Biomarkers***

***Facilitator of integrated services for the discovery, validation and clinical testing of biomarkers and companion diagnostics***



**Biomarker  
Bay**

# BiomarkerBay B.V.

## A facilitator for biomarker services

- Started as public-private partnership in 2015
- Private company 100% owned by UMCG since 2018
- Integrated approach - One portal to access all capabilities
- Focus on biomarker analysis, assay development, discovery and clinical validation of your biomarker



### The BiomarkerBay partners



umcg



university of  
groningen



MercachemSyncom  
UNLOCKING NEW POTENTIAL



CUSTOM-BUILT RESEARCH™

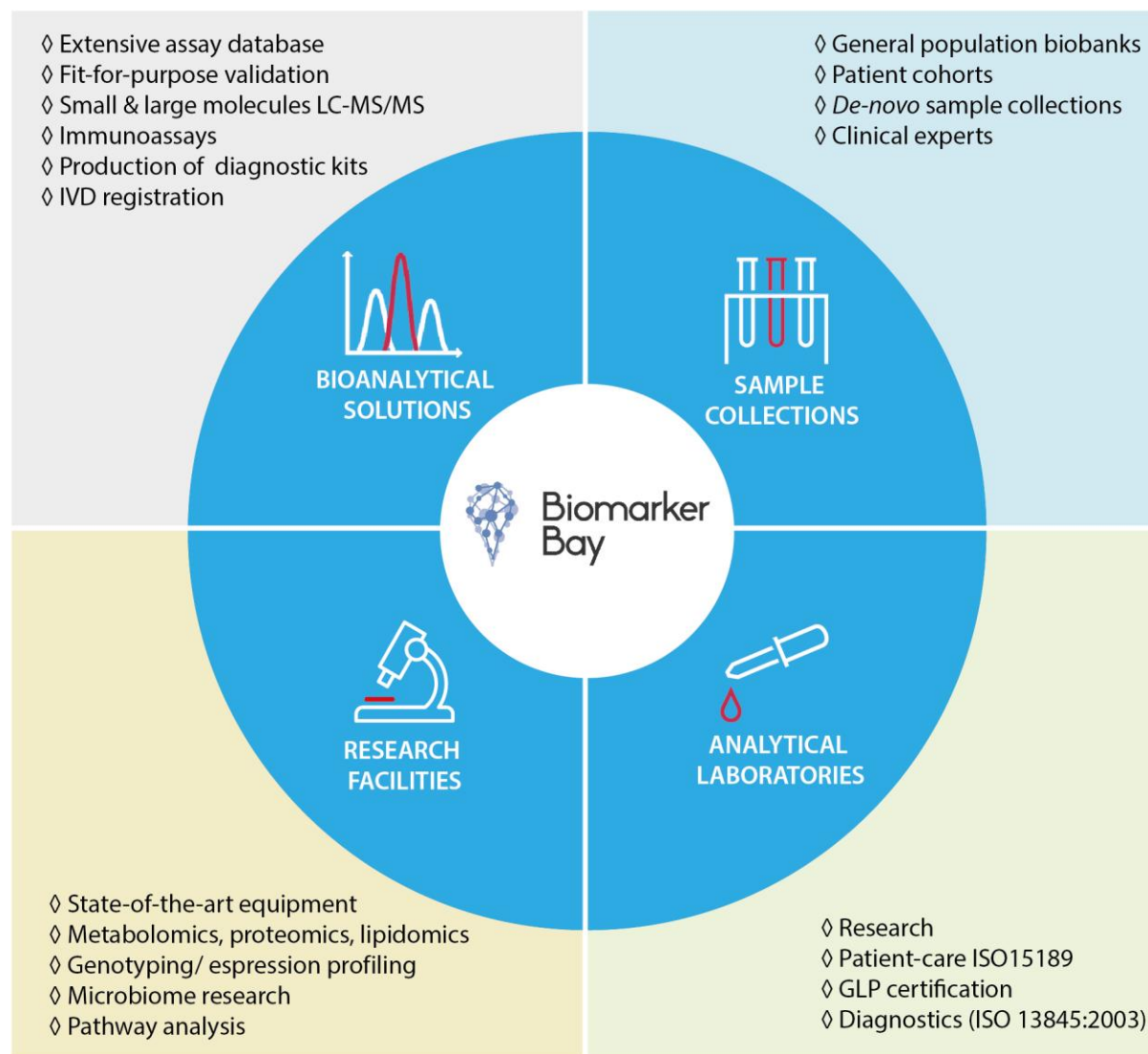


[www.biomarkerbay.com](http://www.biomarkerbay.com)

LinkedIN & Twitter: BiomarkerBay



# Strenghts and capabilities



# Biomarker Sets

## Our expertise

- **Oncology** lung, CRC, cervical, hematological
- **Cardio-metabolic diseases** heart failure, NASH, diabetes, obesity, acute kidney injury
- **Neuroscience** Alzheimer's disease, Parkinson's disease, depression
- **Respiratory diseases** COPD & Asthma
- **Inflammation** IBD, MS
- **Hematology** hemato-oncology and hematological disorders



# Biomarker analytical services

## Biomarker discovery

- Expertise in oncology, asthma, COPD, Alzheimer's disease
- Targeted and untargeted proteomics strategies
- Multi-omics approach; genomics, transcriptomics, proteomics, lipidomics, metabolomics

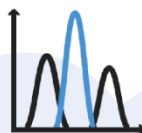


## Assay development & validation

- Fit-For-Purpose validation from research setting to full GLP-compliant
- High flexibility for assay development, with high resolution LC-MS/MS, ligand binding assays, imaging, own developed assays or commercially available

## Biomarker analysis

- LC-MS/MS analysis on small and large molecules
- Multiplex ligand binding assays
- Biomarker pathways through multi-omics approaches
- Imaging biomarkers



## Clinical validation

- Collaborations with biobanks and patient cohorts
- Guidance in IVD development and registration
- Key opinion clinical experts in oncology, cardio-metabolic, neuroscience, respiratory, inflammatory disorders, hematology

## Biobanks & Patient cohorts

- Collaborations with clinical biomarker experts
- Connection with patient cohorts and large population biobanks
- Set-up of prospective collection for biomarker research







# BiomarkerBay in a nutshell

## Our offer

- Integration of biomarker expertise between **academia** and **CRO's**
- Collaboration with **biobanks** and **patient cohorts**
- Extensive database of **biomarker assays**, validated in research and in clinical settings
- Collaboration with **key-opinion leaders** in relevant therapeutic areas
- High flexibility for **assay development** and **bioanalysis**



## BiomarkerBay B.V.

Hanzeplein 1,  
9713 GZ, Groningen  
the Netherlands  
[www.biomarkerbay.com](http://www.biomarkerbay.com)

Email: [info@biomarkerbay.com](mailto:info@biomarkerbay.com)

Twitter: [@biomarkerbay](https://twitter.com/biomarkerbay)

LinkedIn: [biomarkerbay](https://www.linkedin.com/company/biomarkerbay)

**Always open for discussion of mutual interests, do not hesitate to get in contact !**



**Ymke van der Geld, PhD**  
CEO

[yvdgeld@biomarkerbay.com](mailto:yvdgeld@biomarkerbay.com)

Mobile: ++ 31 (0)6-25650550



**Martin Smit, PhD**  
Co-Director

[m.j.smit@umcg.nl](mailto:m.j.smit@umcg.nl)



**Elena Merlo, PhD**  
Project Manager

[m.e.merlo@umcg.nl](mailto:m.e.merlo@umcg.nl)