

IHI Call Days | Call 9

OBioMar

Oral biomarkers for early detection and monitoring of systemic diseases

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- [Proposal sharing tool](#)
- [Participant profile](#)



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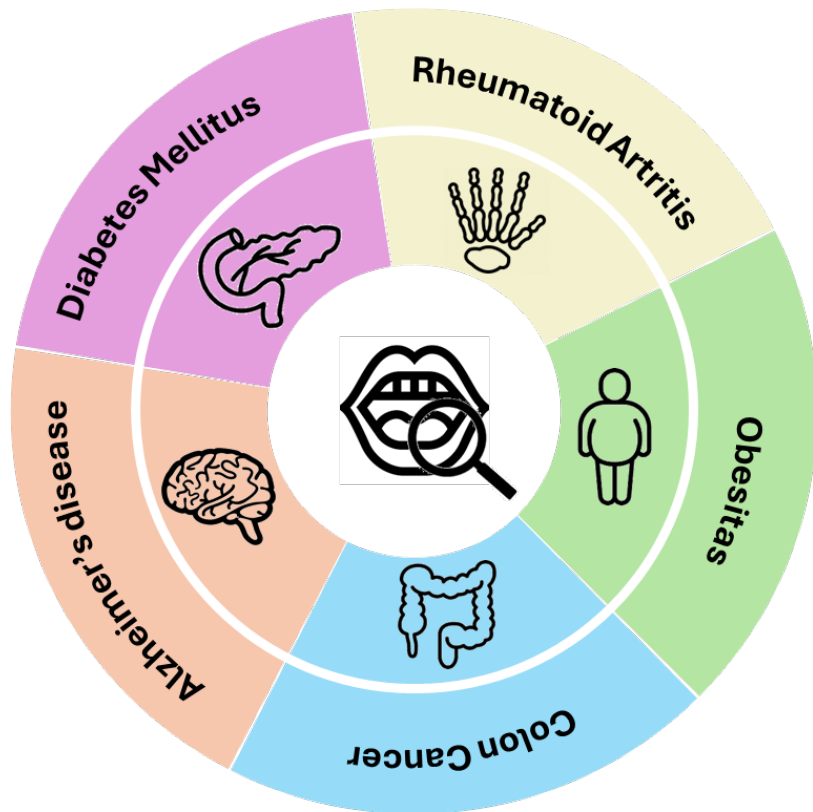
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Objective 1:

Contribute towards a better understanding of the determinants of health and priority disease areas



Oral Biomarkers have been described in the literature in over 50 systemic diseases

Oral Biomarkers



Saliva contains many biochemical, molecular and microbiological biomarkers



Saliva collection is easy and non-invasive



Saliva parameters have the prospect to screen or monitor health and disease



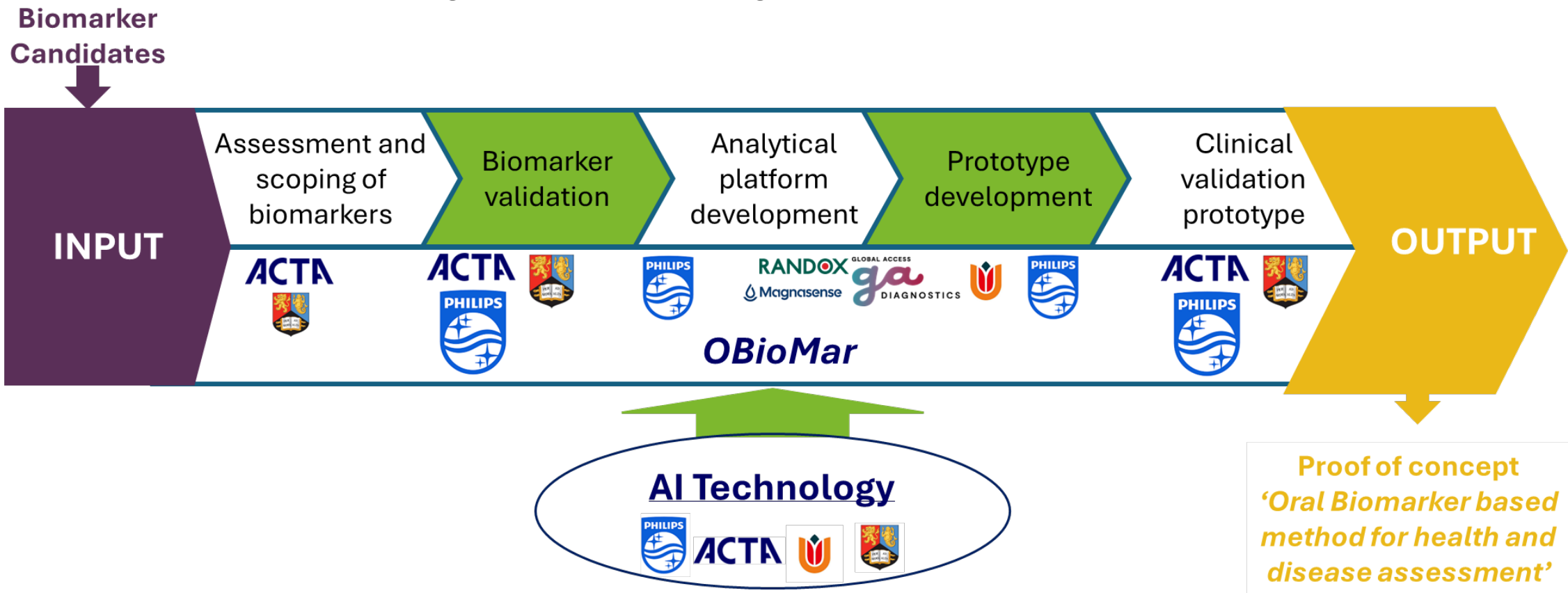
Measuring biomarkers in saliva provides real-world data

Challenges:

- Understanding and knowledge on disease mechanisms
- Adequate prevention strategies, accurate and timely diagnostics and targeted therapeutic interventions

OBioMar Approach

Project aim: to develop an easy, non-invasive, reliable and validated test based on oral biomarkers, that can be applied for large scale screening and monitoring for health and disease



OBioMar: building on partnerships

Biological and clinical knowlegde

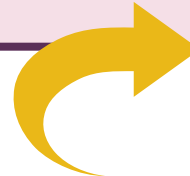
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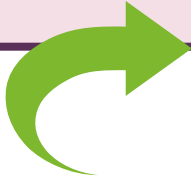
Expertise *in vitro* diagnostics, platform development and biomarker identification



Parties interested in the oral systemic link?

Clinically validated test for screening and monitoring health and disease

Knowledge on oral and personal healthcare

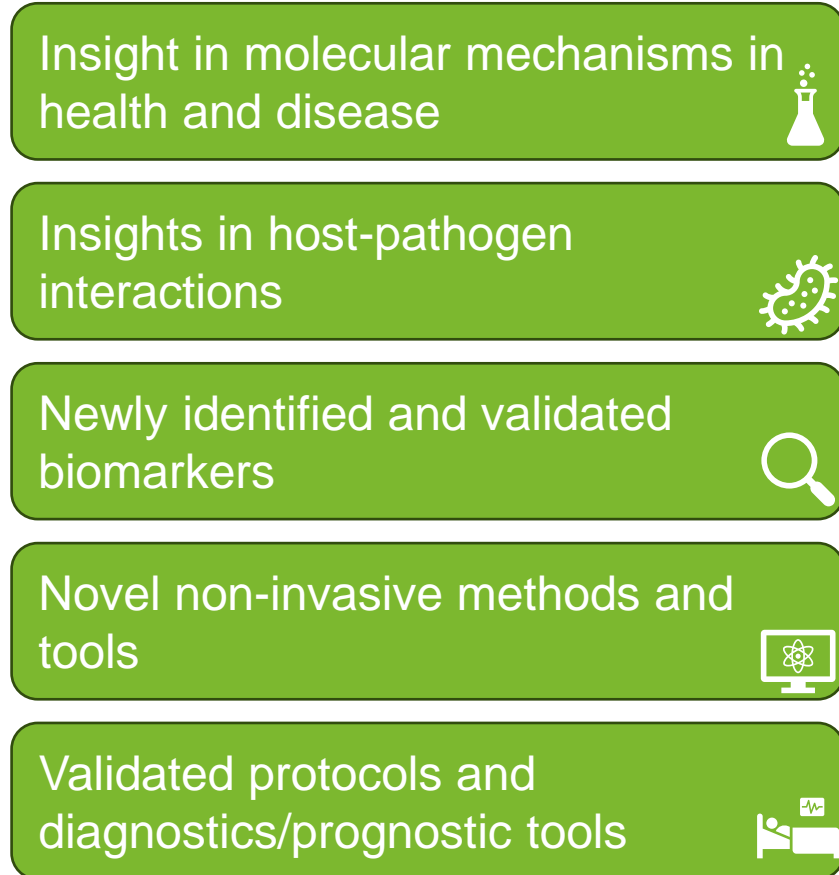


Partners with large proteomic platforms

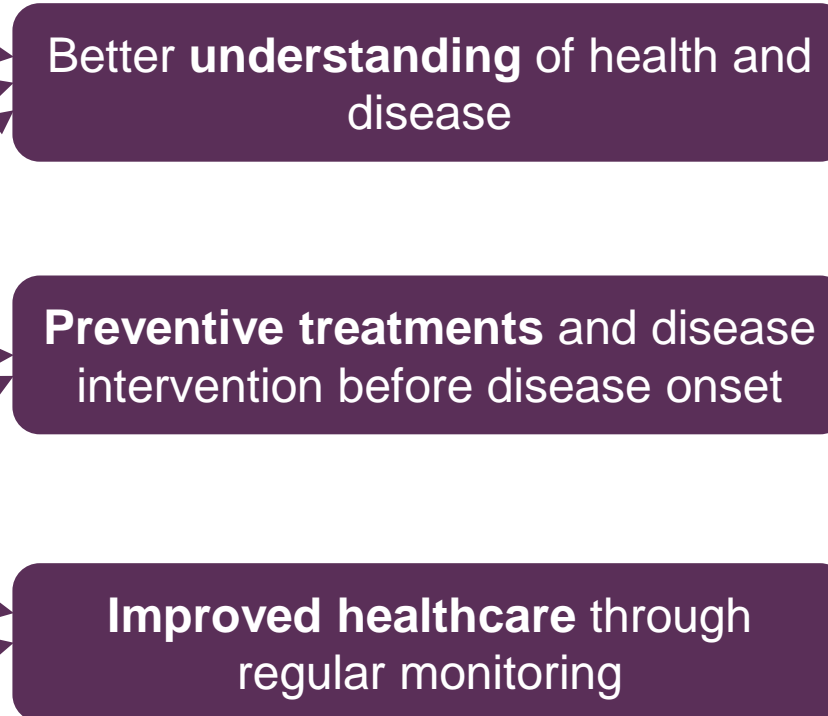
*Partners in clinical validation of *in vitro* diagnostics*

OBioMar: Outcomes and Impact

Outcomes



Impacts



Expertise and resources

- We have:
 - **Academic partners:** Biomarker discovery and validation, clinical studies, saliva samples/database, epidemiological methodology, prediction/diagnostic modeling and biostatistics
 - **Philips** business units including R&D organizations: Oral Healthcare, Personal Healthcare and Healthcare
 - **SME partners** in innovative in vitro diagnostics, platform development, biomarker identification and data sciences
- We are looking for:
 - **Industry Partners: Pharma and/or medtech interested in the oral-systemic link**
 - Clinical validation of in vitro diagnostics
 - Large proteomics platforms
 - Patient centered healthcare

Are you the partner who is looking for technology to take the next step in Oral Biomarker implementation for systemic conditions?

Contact information

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