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Developing a multi-omic toolbox for personalised medicine

Participants	
EATRIS-ERIC	NL
Palacký University Olomouc	CZ
Madrid Health Service	ES
University of Helsinki	FI
Integrated Biobank Of Luxembourg	LU
Radboud University Medical Center	NL
University of Ljubljana	SI
Trinity College Dublin	IE
Riga Stradins University	LV
Uppsala University	SE
Technical University of Munich	DE

MISSION

EATRIS-ERIC: European Infrastructure for Translational Medicine

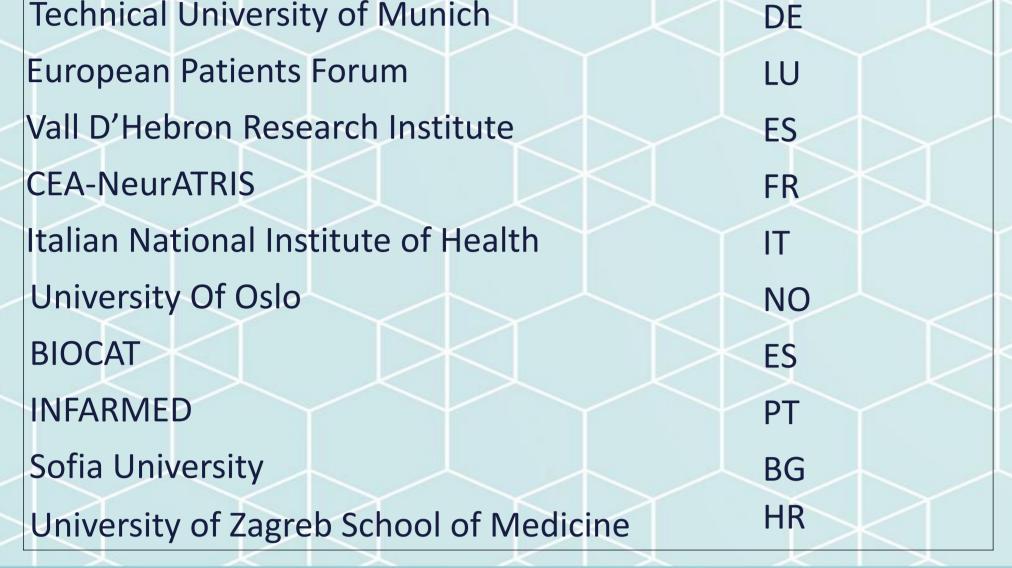
Coordinator:

Objectives

Scientific Scope

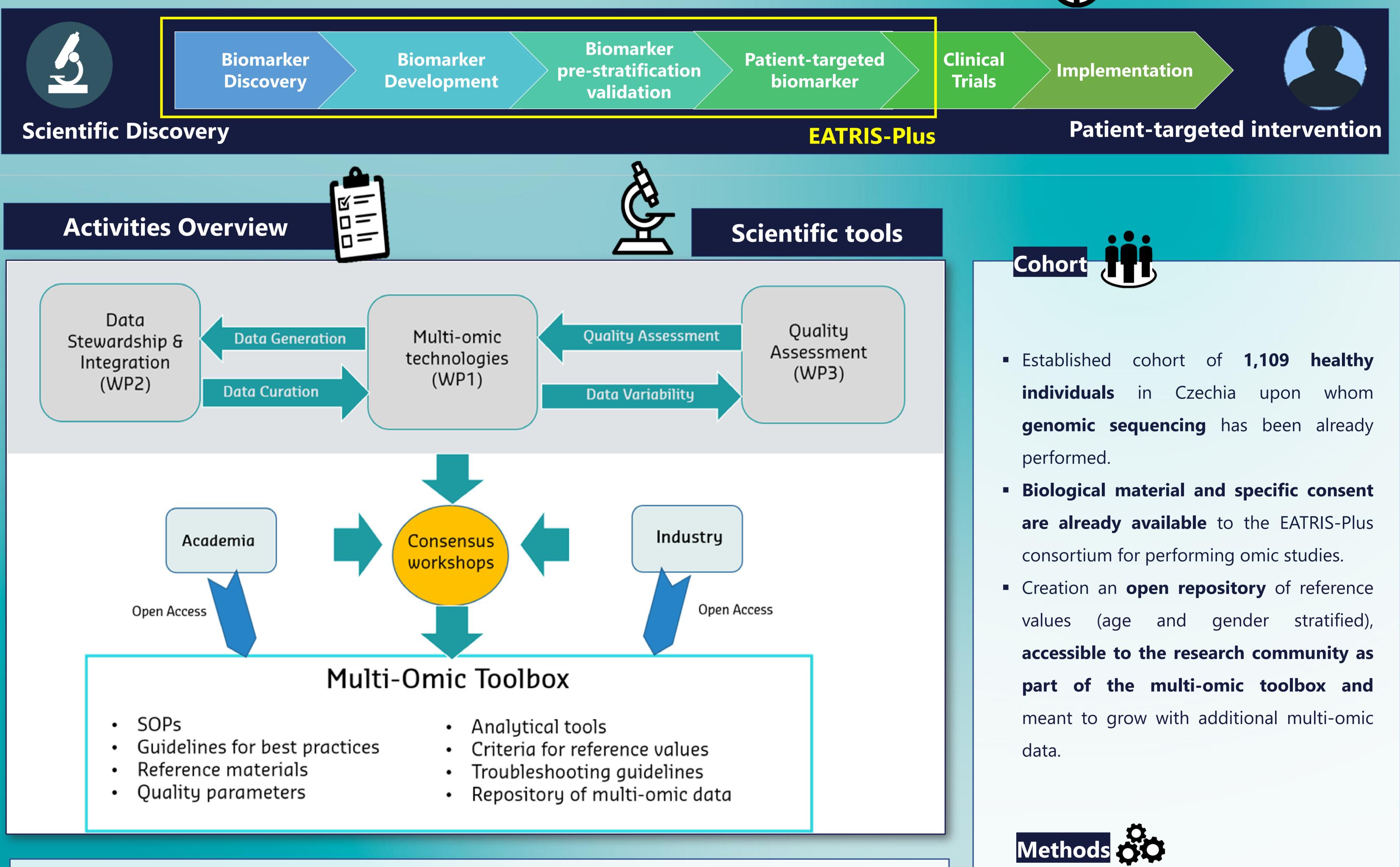
To enhance EATRIS' long-term sustainability by maturing key capacities of the infrastructure and offering access to scientific tools and services to support personalised medicine.

1. To provide access to infrastructure tools and resources, including novel academiaindustry collaboration models



- 2. To further strengthen EATRIS' operational practices and financial performance
- 3. To drive patient empowerment through active involvement in the research process

4. To build lasting partnerships with key stakeholders in the translational medicine field to facilitate the progress of personalised medicine



Online training (e-courses, webinars)

- > Addressing current challenges in translational medicine and personalised healthcare
- Targeted to junior and senior researchers and SMEs as well as patient experts > Free of charge

Yearly EATRIS Summer School (5-days)

- First edition: June 14-18th 2021, virtual
- > Aimed at academics, health care professionals and industry participants

Workshops Best Practices in Public-Private Collaboration

- Two-day workshop delivered in September 2021 and 2022
- Plenary lectures
- Team exercises on real-life cases

- Genome Sequencing
- Epigenomic DNA methylation by Whole Genome Bisulfite Sequencing (WGBS) and/or DNA methylation array
- Transcriptomic RNA Sequencing
- MicroRNA sequencing
- Proteomic analysis
- Metabolomic analysis
- Data preprocessing analysis

Consortium Partners: Palacký University Olomouc, Madrid Health Service, University of Helsinki, Luxembourg Institute of Health/Integrated Biobank Of Luxembourg, Radboud University Medical Centre, University of Ljubljana, Trinity College Dublin, Riga Stradins University, Technical University of Munich, European Patients' Forum, Vall D'Hebron Research Institute, CEA-NeurATRIS, Italian National Institute of Health, University Of Oslo, BIOCAT, INFARMED, Sofia University, University of Zagreb School of Medicine







