



COSBI

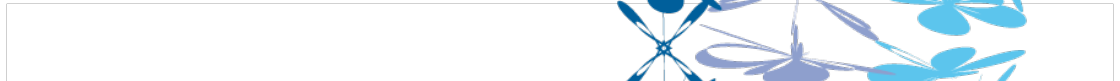
ENPADASI

European Nutrition Phenotype Assessment and Data Sharing Initiative

ENPADASI Hackaton meeting

WORK PACKAGE 3: DESIGN AND DEVELOPMENT
WP LEADER: ROSARIO LOMBARDO

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DISCUSSION POINTS

- **Technical analysis** of R OPAL package in order to prepare a **PhenotypeDB** implementation able to respond to DataShield as OPAL does (lead developer: Ferry)
- **DASH-IN Integration of metadata from PhenotypeDB and MICA**
 - ENPADASI R package that is able to fetch MICA metadata through its REST API and from Phenotype DB to be merged and used as needed (specifications needed, lead developer: Ferry)
 - Harmonization of metadata can be improved using Ontology IDs: investigate whether it is possible to create custom Metadata fields in MICA to store the very same PhenotypeDB ontology terms (Niels, Ferry, Francesco)
 - **User Survey UI T3.4 – involved partners** (in yellow who is present at the discussion)

Ghent University - Faculty of Medicine - Department of Public Health De Henauf Stefaan (NIELS): Harmonized data in OPAL & MICA basic metadata	stefaan.dehenauf@ugent.be
The Microsoft Research - University of Trento Centre for Computational and Systems Biology Rosario Lombardo: Online user survey system	lombardo@cosbi.eu
Bio-Competence Centre of Healthy Dairy Products (BioCC) Andre Veskoj: _____	aveskioja@gmail.com
National Institute for Health Development (NIHD) - Department of Surveillance and Evaluation Eha Nurk (ANU/MARITE): Phenotype DB with screenshots from Miriam's Videos	eha.nurk@tai.ee
University of Copenhagen - Dept. Nutrition, Exercise and Sports Lars Ove Dragsted (FINN): OPAL	dra@nexs.ku.dk
CIBER OBN - Instituto de Salud Carlos III Dolores Corella: _____	Dolores.corella@uv.es
Technische Universität München - Molecular Nutrition Unit: Kurt Gedrich: _____	KGedrich@tum.de

CONCLUDING REMARKS

- What data should be queried and how
- Which questions we want to ask for
 - Intervention studies
 - Observational studies
 - Combination of the two (harmonization may be required)

The Hackaton activities shown that

- **We have a working technical infrastructure (non-major extensions needed)**
- **The infrastructure is lacking in case studies and datasets that would allow the development of effective federated analyses of actual shared data**