Defining a Collaborative Ontology for Non-Pharmacological Interventions (NPIs)

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"Non-Pharmacological Interventions (NPIs) are non-invasive methods of care (programs, products or services) whose efficacy in improving the health and quality of life of human beings has been proven. Their effects on health and quality of life markers are observable (with measured risks and benefits beyond mere user opinions) and can be linked to identified biological and/or psychological processes. They can also have a positive impact on health behaviours and socio-economic indicators." (CEPS Platform, April 2016).

need to share results cross data. However, no solutions are designed to this aim.

Building an ontology:
- is an iterative process
- is a complex task
- requires a considerable amount of human effort.

Collaborative approach

Which tools?

Selected tools

Criteria for selecting

Free
Collaborative
Available in English
Web-based
Graphical User Interface
Versioning
Audit Trail

for sharing the ontology

The first version of NPIs ontology at: http://purl.bioontology.org/ontology/NPI/Physiotherapy

- The collaborative ontology for NPIs is being built.
- WebProtégé and BioPortal make the ontology development easier and more effective.
- NPIs data is shared and linked in human-readable and machine-interpretable forms.
- The ontology allows to improve data retrieval and data crossing for better understanding NPIs and better defining advanced digital tools.

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