Defining a Collaborative Ontology for Non-Pharmacological Interventions

The Loc Nguyen, Anne Laurent, Sylvie Rapior, François Carbonnel, Raphaël Trouillet, Gérard Bourrel, Gregory Ninot

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Nguyen L.1,4, Laurent A.1,4, Rapior S.2,4, Carbonnel F.3,4, Trouillet R.3,4, Bourrel G.4, Ninot G.3,4

1 Laboratory LIRMM UMR 5506, University of Montpellier and CNRS Montpellier, 161 rue Ada, 34095 Montpellier Cedex 05, France
2 Laboratory of Botany, Phytochemistry and Mycology, UMR 5175 (CEFE), Faculty of Pharmacy, University of Montpellier, 15 avenue Charles Flahault, BP 14491, 34093 Montpellier Cedex 5, France
3 Epsylon EA 4556 Research Unit, University of Montpellier, rue du Pr. Henri Serre, 34000 Montpellier, France
4 CEPS Platform, European Methodology Platform for Non Pharmacological Interventions, University of Montpellier, rue du Pr. Henri Serre, 34000 Montpellier, France

“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).

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

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

Selected tools
- WebProtégé
- BioPortal

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.

Corresponding authors: Nguyen L. (the-loc.nguyen@lirmm.fr), Laurent A. (laurent@lirmm.fr)
Website: www.cepsplatform.eu