



# Semantic networks for improved access to biomedical databases



Eva Sassolini°, Sebastiana Cucurullo°, Eugenio Picchi°

°Istituto di Linguistica Computazionale “Antonio Zampolli” CNR – Pisa

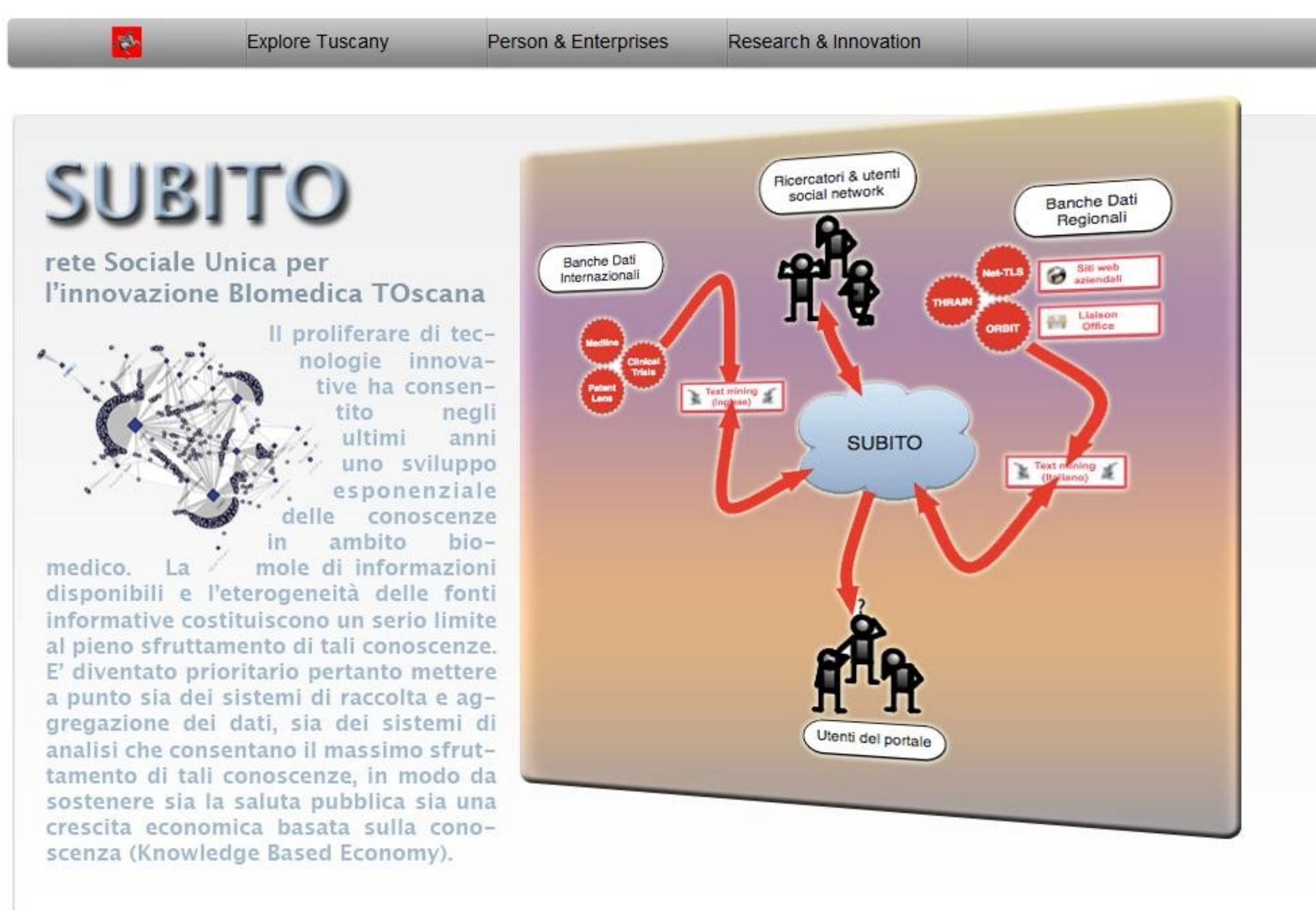
{eva.sassolini|nella.cucurullo|picchi}@ilc.cnr.it

## Semantic networks for improved access to biomedical data

biomedical domain main features:  
large volume (amount) of information available  
several information sources  
problematic exploitation of knowledge because recorded in unstructured textual format

### State of the art

- risk of proliferation of information disorganized, difficult to find and (difficult) to be interconnected
- demand for tools that suggest a new modality of content access
- Internet and in particular social networking tools allow you to create networks of people with common interests



### The Project

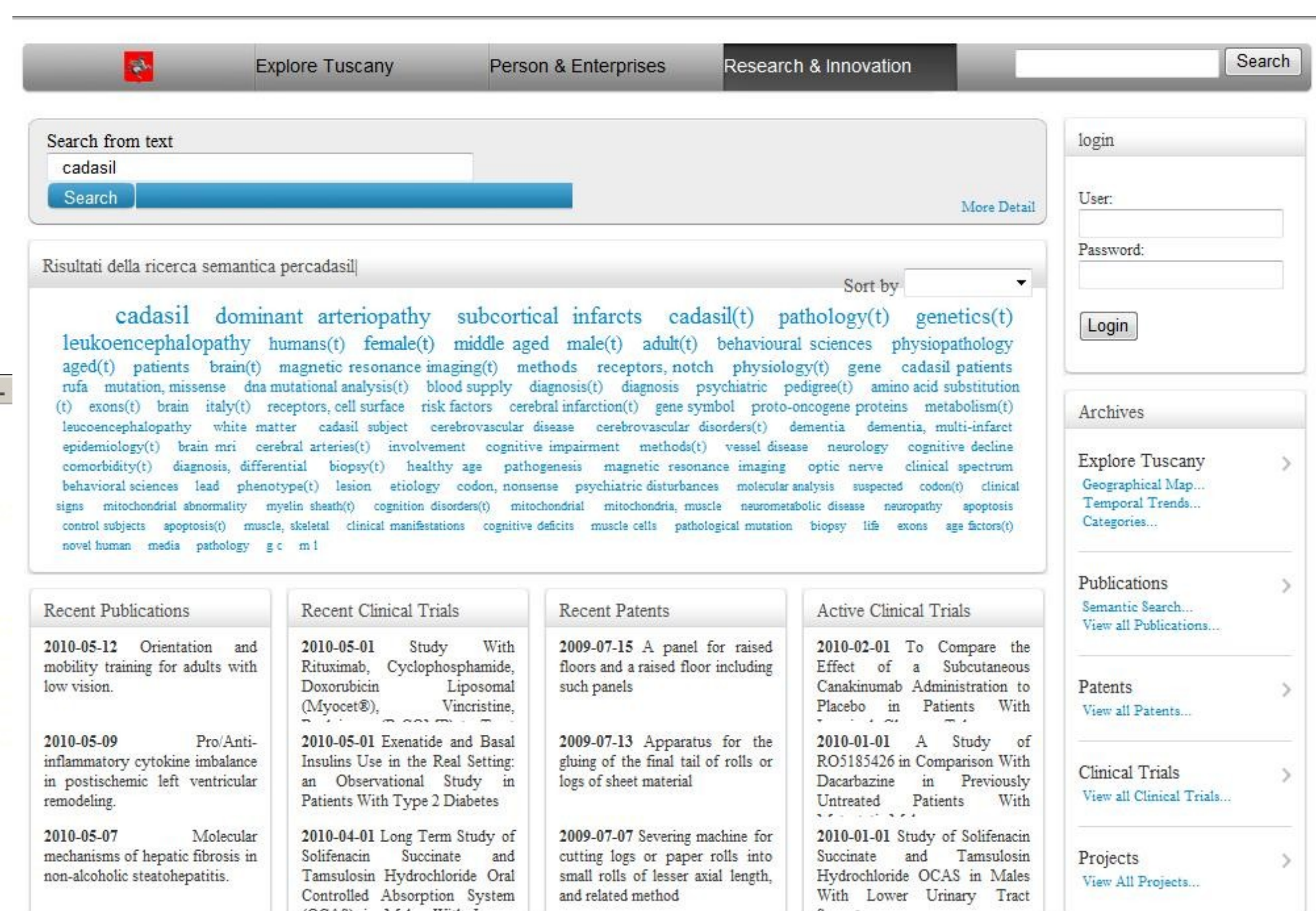
(GENERAL OBJ.) development of a website and a database for the collection and correlation of information on public-private subjects operating in the medical, biomedical and pharmaceutical sector within the Tuscan regional area  
(SPECIFIC OBJ.) development of techniques for the extraction and classification of textual data in order to enable a more efficient browsing

## Main sources of texts:

- *PubMed.gov*
- *Espacenet.com*
- *ClinicalTrials.gov*



## DBT FACCETTE



EN

IFC - CNR Istituto di Fisiologia Clinica del CNR © 2009-2010

Legal Disclaimer Term of Use FAQ Contacts SUBITO Quick Start