

**RD-CONNECT WORKSHOP DATA LINKAGE AND ONTOLOGIES**  
**September 24-25, 2015**

The workshop has two main aims: (i) promote data sharing (ii) show the basic principles of “data linkage approach” with particular attention to rare diseases. Attendees will acquire hands-on experience in converting data to linkable data with ontologies.

At the end of the workshop participants will know basic principles of converting RD data to linkable data with ontologies and some of the existing tools that support this. There will be ample opportunity to discuss how this can be applied to new or existing registries and the role that RD-Connect and other projects can play.

**DAY1**

8.30 Registration and pre-test

8.45 Welcome and presentation of the workshop objectives

9:00 From ontologies concepts to Linked Data

9:45 Usefulness of ontologies for RD diseases

10:00 Coffee Break

10:30 Human Phenotype Ontology, HPO

11:10 Orphanet Rare Disease Ontology, ORDO

11:50 Example of DBs with ontologies in the field of participants

12:30 Lunch

13:30 Tutorial with hands-on simulation

- (i) How to Generate URI ?
- (ii) How to link data?
- (iii) How to use existing linked data resources?
- (iv) How to use APIs
- (v) Nanopublication

17.00 Adjourn

**DAY2**

9:00 Post Test

9:30 Tutorial with hands-on simulation

- (i) How to Generate URI ?
- (ii) How to link data?
- (iii) How to use existing linked data resources?
- (iv) How to use APIs
- (v) Nanopublication

10:30 Coffee Break

11:00 Evaluation and discussion with participants

12:30 Lunch

13:30 Parking lot, remarks and Conclusion

14:30 Free Hands On

17:00 End of workshop