Combined p-medicine – ECRIN-meeting on clinical trial tools ready for use and further collaboration

Date: 11 June 2015

Place: European Clinical Research Infrastructure Network ,5-7 rue Watt, 75013 PARIS,France

Time: 10:30 – 17:00 hour (CET)

Objectives:
1. To demonstrate tools developed within p-medicine that are useful for running clinical trials, including biobanking, pharmocovigilance, handling of imaging studies and re-use of data for research
2. How to deal with certification of tools
3. Collaboration between p-medicine/STaRC and ECRIN beyond the end of p-medicine

Participants:
1. p-medicine: IT people responsible for the tools and their interoperability, as well end-users
2. ECRIN: Data managers and IT-staff from clinical trial units that are interested in moderne IT-support for trials related to personalised medicine

p-medicine: In developing an innovative and integrated technological solution to enable personalised medicine the current project responds to an urgent societal need. Our emphasis is on formulating an open, modular framework of tools and services, so that p-medicine can be adopted gradually, including efficient secure sharing and handling of large personalized data sets, enabling demanding Virtual Physiological Human (VPH) multiscale simulations (in silico oncology), building standards-compliant tools and models for VPH research, drawing on the VPH Toolkit and providing tools for large-scale, privacy-preserving data and literature mining, a key component of VPH research. We will ensure that privacy, non-discrimination, and access policies are aligned to maximize protection of and benefit to patients. The p-medicine tools and technologies will be validated within the concrete setting of advanced clinical research. Pilot cancer trials have been selected based on clear research objectives, emphasising the need to integrate multilevel datasets, in the domains of Wilms tumour, breast cancer and leukaemia. To sustain a self-supporting infrastructure realistic use cases will be built that will demonstrate tangible results for clinicians
(EU FP7-funded with 13,329,908 €, February 1st, 2011 – July 31, 2015, see: http://p-medicine.eu/project).

Programme

10:30	***Welcome and objective of the meeting (J. Demotes)***
10:45	**Short overview on p-medicine (N. Graf)**
11:00 -12:30	**Demonstration of p-medicine tools (chair: N. Graf)**
11:00	Tool 1: Obtima with biobanking and adverse event reporting (H. Stenzhorn)
11:30	Tool 2: Interoperability and data warehousing (A. Anguita)
12:00	Tool 3: DICOM scenario (S. Sfakianakis)
12:30	***Lunch***
13:15	**Obtima used in a real clinical trial (use case) (N. Graf)**
13:45	**Use of p-medicine tools for other kind of studies (W. Kuchinke)**
14:00-16:00	**Collaboration between p-medicine and ECRIN (chair: C. Ohmann)**
14:00	From the viewpoint of p-medicine (STaRC, open source) (N. Graf)
14:30	From the viewpoint of ECRIN (agreements, certification, education) (J. Demotes)
15:00	Joint discussion
15:00	***Coffee break***
15:30	**Final discussion** (all participants)
16:30	**Conclusions and next steps (J. Demotes, N. Graf)**
17:00	***End of the meeting***