B·DEBATE International Center for Scientific Debate BARCELONA

BIB BIOINFORMATICS BARCELONA

BIG DATA IN BIOMEDICINE
CHALLENGES AND OPPORTUNITIES

November, 12th, 2014
CAIXAFORUM. AV. FRANCESC FERRER I GUÀRDIA, 6-8. BARCELONA

PROGRAM   Open Symposium

9:15   **Welcome**

9:30   **The 100.000 Genomes Project: Data, Annotation and Clinical Feedback for Genomic Medicine in the UK NHS**
        Tim Hubbard, King's College London, UK

10:00   **Opportunities and Challenges for International Cooperation Around Big Data in Biomedicine**
        Philip E. Bourne, National Institutes of Health (NIH), San Diego, USA

10:30   **The Vital Role of Biocuration in the Era of Big Data**
        Ioannis Xenarios, Swiss Institute of Bioinformatics, Lausanne, Switzerland

11:00   **Coffee break**

11:30   **High Quality Data Publication: Drives and Needs**
        Susanna-Assunta Sansone, University of Oxford. Nature Publishing Group, UK

12:00   **Temporal Analysis of Big Biomedical Data from Health Records and Registries**
        Søren Brunak, Technical University of Denmark, Lyngby, Denmark

12:30   **European life-science Data infrastructure: Data, Computing and Services to Communities**
        Niklas Blomberg, ELIXIR, Hixton, UK

13:00   **Summary and conclusions**
        Ferran Sanz, Research Programme on Biomedical Informatics GRIB (IMIM-UPF), Barcelona, Spain

13:15   **Cocktail lunch**