Supplementary Figure 1: PREGO salinity example. Co-occurrences of 12 saline environments with microbes and processes as extracted from PREGO's environmental samples, literature and annotated genomes. (A) Cytoscape 2D view shows the network as projected on a plane. and (B) Arena3D web view shows the 4 distinct layers of environments, organisms, biological process and molecular function. The edges colours represent the categories of the associations regarding their source: text mining, experiments and knowledge.
Supplementary Figure 2: API functionality use cases. (A) A Darling query for HIV using the “Disease search” option to fetch literature from the DisGeNET dataset. 4 selected entity types were used (“DOID Diseases”, “Genes/Proteins”, “BTO tissues” and “Organisms”; see left). On the right, the returned biological entities are projected onto their respective layers in an Arena3Dweb cube layout. (B) A Flame enriched network generated from a list of Idiopathic Pulmonary Fibrosis related differentially expressed genes and their top ten associated biological processes (see left). On the right, the genes and their related processes are projected in two distinct layers in Arena3Dweb.