CanSHare will develop the first centralised, secure and sustainable platform for enhanced cross-border data sharing and multi-cohort personalised medicine research in cardiology. At its heart, the platform will contain the most comprehensive cardiovascular data catalogue ever assembled, which will facilitate data discoverability and exploitation in full alignment with the...
Life Science research has become increasingly digital, and this development is accelerating rapidly. Biomolecular modelling techniques such as homology modelling, docking, and molecular simulation have advanced tremendously due to world-leading European research, resulting in extreme demands for better computational performance and throughput as these tools are used in applied...

Read more

TransPLANT: Trans-national Infrastructure for Plant Genomic Science
JOSEP GELPI

Food and energy security are major challenges facing humanity in the coming decades. The falling costs of nucleotide sequencing are opening up significant opportunities for crop improvement through plant breeding and increased understanding of plant biology; in particular through interpreting the growing volume of plant genomics data in the context of phenotype. However, at...

Read more

INB-2014 - JLGelpi: Plataforma de Recursos Biomoleculares y Bioinformáticos
JOSEP GELPI
El Instituto Nacional de Bioinformática (INB) es una plataforma que fue fundada por Genoma España en el año 2003 con el objetivo de fomentar el desarrollo de la bioinformática en España. Desde el año 2010 el INB se organiza como una plataforma tecnológica del ISCIII. Desde su creación el INB ha sido evaluado por paneles...

Read more

Barcelona Supercomputing Center - Centro Nacional de Supercomputación