EOSC-Life: Providing an open collaborative space for digital biology in Europe
ALFONSO VALENCIA, SALVADOR CAPELLA GUTIERREZ

EOSC, Biological Medical Research Infrastructures, BMS RI, ESFR, Cloud, Data Resources, GDPR EOSC-Life brings together the 13 Biological and Medical ESFRI research infrastructures (BMS RIs) to create an open collaborative space for digital biology. It is our joint response to the challenge of analysing and reusing the prodigious amounts of data produced by life-science....

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EJP RD: EUROPEAN JOINT PROGRAMME ON RARE DISEASES
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The overall objectives of the EJP RD are:

- To improve the integration, the efficacy, the production and the social impact of research on RD through the development, demonstration and promotion of Europe-wide and even world-wide sharing of research and clinical data, materials, processes, knowledge and know-how;
- To implement and further develop an...

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iPC: individualizedPaediatricCure: Cloud-based virtual-patient models for precision paediatric oncology
ALFONSO VALENCIA , SALVADOR CAPELLA GUTIERREZ
Numerical analysis, simulation, optimisation, modelling tools, Personalised medicine, Paediatric cancer, Virtual patient, Cloud computing, High performance computing, Data harmonization and integration

Effective personalized medicine for paediatric cancers must address a multitude of challenges, including domain-specific challenges. To overcome these challenges, we propose a...

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Computer and information sciences, Health data, FAIRification, FAIR, FAIR-CMMI

Wide sharing of knowledge and data drives the progression of science. Shared data allows other researchers to reproduce findings and benchmark quality of experiments. Sharing data so that other researchers can Find, Access and Interoperate i.e. integrate the data with the outcomes of their own...

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