

## **SORS: Oncological use cases and data interoperability with the GDI project**

### **Abstract**

The GDI project will create an infrastructure for exchanging genomic data across European Countries, helping to turn the 1+Million Genomes Initiative into reality. Together with a community of European oncologists, we created a series of use cases with the aim of both stress-testing the infrastructure and providing realistic examples of usage by clinicians and researchers. All the use cases rely on genetic and clinical synthetic datasets in order to avoid privacy issues. We conclude that the platform should be guided by the final users' needs and that technical coherence and efficiency of the platform should not come at the expense of ease of use.



### Short Bio

Marco Morelli, Head of Bioinformatics at the Center for Omics Sciences at San Raffaele Scientific Institute in Milan. A physicist by background, he specialized in the analysis next-generation sequencing data in the early days of the technology and is now involved in numerous clinical and basic research projects involving omics data analysis, management and exchange.

Marco will give his seminar together with his colleagues from the San Raffaele Scientific Institute: Elisa Benetti, Giorgia Gandolfi and Francesca Genova.

## Speakers

**Speaker:** Marco Morelli. Head of Bioinformatics at the Center for Omics Sciences at San Raffaele Scientific Institute, Milan, Italy.

**Host:** Salvador Capella, INB Group Leader, Life Sciences Department, BSC.  
Barcelona Supercomputing Center - Centro Nacional de Supercomputación

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**Source URL (retrieved on 3 Apr 2025 - 14:14):** <https://www.bsc.es/es/research-and-development/research-seminars/sors-oncological-use-cases-and-data-interoperability-the-gdi-project>