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Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Dipartimento di Scienze Biomediche (DSB)

Via Ugo Bassi 58/B

35131 Padova – Italy

dipartimento.biomed@pec.unipd.it

CF 80006480281

P.IVA 00742430283

www.biomed.unipd.it

D08- IR

PNRR – Missione 4: Istruzione e ricerca

Componente 2: Dalla ricerca all'impresa

Investimento 1.4, finanziato dall'Unione Europea – NextGenerationEU

Progetto ELIXIR x Next Generation IT: Consolidamento dell'Infrastruttura italiana per i Dati Omici e la Bioinformatica (ELIXIRxNextGenIT)

The ELIXIR infrastructure serving the community of the life sciences

4 October 2024 - University of Padua

Event description

ELIXIR is the European Research Infrastructure for life-science data, dedicated to providing the scientific community with a state-of-the-art infrastructure for Bioinformatics, featuring advanced platforms and services for the analysis of genomic, proteomic, and metabolomic data. The ELIXIRxNextGenIT project, funded under the National Recovery and Resilience Plan (PNRR), aims to strengthen the Italian node of ELIXIR and provide solid ground for the maintenance and development of its Bioinformatic services. Thanks to the ELIXIRxNextGenIT project, the UNIPD node of ELIXIR-IT has gained significant computing power, high-performance GPUs and storage capacity, with an investment also including personnel supporting the use and maintenance of the infrastructure. The project aligns with the roadmap of the ELIXIR-IT node and national initiatives, particularly through the upgrade of the CloudVeneto infrastructure.

This event will serve as a platform to present ELIXIR services and the outcomes of the ELIXIRxNextGenIT project to the local scientific community. During the event, we will provide an overview of ELIXIR activities and their connections with other international initiatives, such as the European Open Science Cloud (EOSC). The new UNIPD facility will be presented showing how it integrates into the ELIXIR ecosystem and how researchers can access its infrastructure and services.

The event will take place at the **Archivio Antico di Palazzo Bo, University of Padua, on October 4th, 2024 from 8:30 to 13:00.**

[Eventbrite registration](#)



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Program

Friday 4 October 2024	
08:30 - 09:30	Registration & Welcome Coffee
09:30 - 11:00	Session 1 - Presenting ELIXIR and related initiatives Speakers: Prof. Graziano Pesole, IBIOM-CNR and UNIBA Dr. Thanasis Vergoulis, ARC Gavin Farrell, ELIXIR Hub, EMBL-EBI Dr. Fotis Psomopoulos, CERTH
11:00 - 11:30	Coffee break
11:30 - 12:30	Session 2 - The ELIXIR Padova services Dr. Maria Cristina Aspromonte, UNIPD Dr. Ivan Mičetić, UNIPD Dr. Alessandro Grinzato, UNIPD
12:30 - 13:00	Round table discussion: sustainability & services

Invited speakers

Prof. Graziano Pesole, Institute of Biomembranes, Bioenergetics and Molecular Biotechnologies (IBIOM-CNR) and University of Bari (UNIBA), Italy

Dr. Fotis Psomopoulos, Centre for Research and Technology-Hellas (CERTH), Greece

Dr. Thanasis Vergoulis, OpenAIRE and Athena Research Center (ARC), Greece

Gavin Farrell, MSc, ELIXIR Hub European Bioinformatics Institute (EMBL-EBI), United Kingdom

Dr. Maria Cristina Aspromonte, Dept. of Biomedical Sciences, University of Padova, Italy

Dr. Ivan Micetic, Dept. of Biomedical Sciences, University of Padova, Italy

Dr. Alessandro Grinzato, Dept. of Biomedical Sciences, University of Padova, Italy



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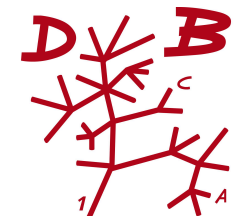
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The event is supported by the Department of Biomedical Sciences, Department of Biology, Department of Information Engineering, Department of Mathematics, Department of Pharmaceutical Sciences, and the Department of Physics and Astronomy of the University of Padua.



DIPARTIMENTO DI BIOLOGIA
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