

ELIXIR 3D-BioInfo & ISCB 3D-SIG

Annual Conference of the Structural Bioinformatics Community

Community face-to-face meeting

25–27 November 2026 – Sala Convegni at CNR, Rome, Italy



Speakers

Lada Biedermannova,
Czech Academy of Sciences, Czech Republic

Patrick Bryant,
SciLifeLab, Stockholm University, Sweden

Janusz Bujnicki,
International Institute of Molecular and Cell Biology, Warsaw, Poland

Alexandre Bonvin,
Utrecht University, Netherlands

Gabor Erdos,
Eötvös Loránd University, Hungary

Ora Furman-Schueler,
Hebrew University Jerusalem, Israel

Jennifer Fleming,
European Bioinformatics Institute, UK

Franca Fraternali,
UCL, London, UK

Joe Grove,
University of Glasgow, UK

Michael Heinzinger,
Helmholtz Zentrum München (HMGU), Germany

Katja Luck,
Institute of Molecular Biology Mainz, Germany

Didier Rognan,
Strasbourg University, France

Bohdan Schneider,
Czech Academy of Biosciences, Prague, Czech Republic

Gerardo Taurellio,
SIB, University of Basel, Switzerland

Lukáš Trantírek,
CEITEC Masaryk University, Czech Republic

Jeremy Wohlwend,
Boltz Biotechnology Research, UK

Vincent Zoete,
SIB, University of Lausanne, Switzerland

Structural bioinformatics is undergoing a fast transformation with major breakthroughs from experimental methods such as cryo-electron microscopy to disruptive and transformative new approaches in computational prediction methods based on AI and machine learning.

This meeting aims to bring together structural bioinformatics researchers from two international communities (3D-BioInfo and 3D-SIG) for networking and to exchange ideas on the workflows and resources needed to exploit the transformative new developments in the data and methods.

The ELIXIR 3D-BioInfo Structural Bioinformatics Community brings together European research groups working on five major themes that include protein structure annotation, protein complexes, protein-ligand interactions, protein-nucleic acid interactions, and protein engineering. 3D-BioInfo Activities in these themes include devising strategies for integrating predicted data and benchmarking the prediction tools.

The 3D-SIG ISCB (International Society for Computational Biology) Community in Structural Bioinformatics covers the same broad research themes as 3D-BioInfo and is a Community of Scientific Interest (COSI) within the International Society for Computational Biology (ISCB). It hosts a scientific track within the ISCB's annual conference and organises webinars some of which are joint with 3D-BioInfo.



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More information

Conference website

<https://www.iscb.org/3dbioinfo2026/>

3D-BioInfo Community | ELIXIR

<https://elixir-europe.org>

3DSIG: Structural Bioinformatics and Computational Biophysics

<https://3dsig-cosi.github.io>



David Köhler, Unsplash

Organising committee

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