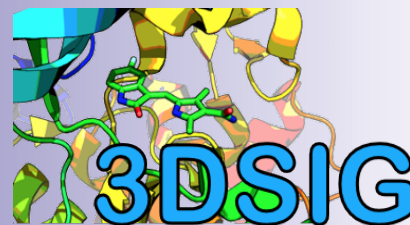


ELIXIR 3D-BioInfo & ISCB 3D-SIG

Annual Conference of the Structural Bioinformatics Community
Community face-to-face meeting

19–21 March 2025 - Barcelona Supercomputing Center, **Barcelona, Spain**



Speakers

Silvia Osuna, Keynote,
University of Girona, Spain

Roland Dunbrack, Keynote,
Fox Chase Cancer Centre, Philadelphia, USA

Joana Pereira,
Biozentrum, University of Basel, Switzerland

Mafalda Dias,
Centre for Genomic Regulation, Barcelona, Spain

Gemma Atkinson,
Lund University, Sweden

Nathalie Reuter,
University of Bergen, Norway

Carlos Oscar Sorzano,
Nat. Centre of Biotechnology, Madrid, Spain

Isaure Chauvot de Beauchêne,
Campus Scientifique, Nancy, France

Harald Schwalbe,
University of Frankfurt, Germany

Amelie Stein,
University of Copenhagen, Denmark

Victor Greiff,
Institute of Clinical Medicine, Oslo, Norway

Rafael Najmanovich,
University of Montreal, Canada

Silvio Tosatto,
University of Padova, Italy

Vladas Oleinikovas,
VantAI, Zurich, 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 interaction, 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/3dbioinfo2025/home>

3D-BioInfo Community | ELIXIR

<https://elixir-europe.org>

3DSIG: Structural Bioinformatics and Computational Biophysics

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

