

**3D-BioInfo | ICSB 3D-SIG | ELIXIR Czech Republic
Community Meeting in Structural Bioinformatics**

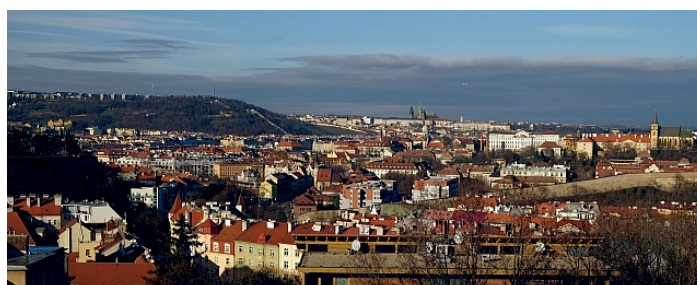
The third issue of Materials Structure in 2023 contains abstracts from 3D-BioInfo meeting that is organized in Prague Congress Centre (November 15-17, 2023).

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 three international communities (3D-BioInfo, 3D-SIG and ELIXIR Czech Republic) 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 researchers working on protein structure annotation, protein complexes, protein ligand interaction, protein nucleic acid interactions, and protein engineering. The community devise 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 themes as 3D-BioInfo and is a Community of Scientific Interest (COSI) within the International Society for Computational Biology (ISCB). It hosts a track within the ISCB's annual conference and organises webinars some of which are joint with 3D-BioInfo.

The ELIXIR Czech Republic Community brings together researchers working in a range of bioinformatics and computational themes and is supporting infrastructure developments, tools and resources across the country



Electronic version of the journal can be found at <http://www.xray.cz/ms> together with the instructions for the authors.

R. Kužel

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