UNIPD Supervisor: Silvio Tosatto

Project: IDPfun2 - Integrating novel data, artificial intelligence and molecular behaviour to expand functional characterization of intrinsically disordered proteins

Coordinator: UNIVERSITA DEGLI STUDI DI PADOVA

UNIPD Supervisor: Silvio Tosatto

Department: Dipartimento di Scienze Biomediche

EU Contribution: € 404 800,00

Project Duration in months: 48

Find out more:

https://cordis.europa.eu/project/id/101182949

Biography: Silvio C. E. Tosatto is the PI of the BioComputing UP lab, a lab of around 30 researchers, at the Department of Biomedical Sciences of the University of Padua, where he has been working for the last 22 years. He has extensive international collaborations, published over 200 papers and been cited over 20,000 times. Silvio holds a MSc in Computer Science and Business Administration and PhD in Computer Science from the University of Mannheim (Germany). In addition, he was recently awarded a Doctorate honoris causa from the Universidad Nacional de Quilmes (Argentina) and is a Member of the Bologna Academy of Sciences.

Within ELIXIR, the European infrastructure for blife science data, he is deputy Head of Node of ELIXIR Italy, ExCo of the Data Platform, co-lead of the Cellular & Molecular Research priority area as well as co-lead of the Machine Learning focus group.

In the latter capacity, he is senior author of the DOME recommendations (Walsh et al., Nature Methods 2021) for reproducible and transparent ML and the recent DOME registry for ML meta-data.

He is passionate about increasing the transparency and reproducibility of ML/AI methods in publications and practice.