

Dipartimento di Biotecnologie e Bioscienze – UNIMIB

giovedì 3 febbraio, 2022, ore 16:30, aula U3-04 / Webex

(seminario incluso nei percorsi Bicocca HEALTH e Bio Sustainability)

“Mass spectrometry in protein structural biology”

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Abstract: The methods usually adopted for the investigation of protein architecture are challenged by systems with a high level of structural complexity. Proteins with heterogeneous conformational ensembles, with multiple ligand-binding equilibria, or existing in simultaneous proteoformic states often escape structural characterization by X-ray crystallography and the other techniques conventionally employed in structural biology. In this talk, some mass spectrometry-based approaches for the analysis of such complex systems are introduced, with several examples and applications from our laboratory.

