

Thinking BIG: Studying protein complexes in solution and in the gas phase using mass spectrometry

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Structural mass spectrometry (MS) is a powerful technique to investigate protein complexes, their proteoforms as well as structural dynamics both in solution and in the gas phase. This talk will showcase the work carried out in BIOCEV on combining native MS with powerful lasers for better characterization of protein complexes as well as their interactions and stoichiometries. Also, it will highlight the capabilities of our other structural MS tools available such as hydrogen/deuterium exchange MS or chemical cross-linking MS, which will be broadly used within the upcoming OPJAK project.