

Understanding protein complex formation: the role of charge distribution in the encounter complex

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Curriculum Vitae

Antonella Di Savino was born on May 27th 1986 in Turin, Italy. After studying engineering at the Polytechnic of Turin for two years, she decided to follow her interest for the biological sciences. She achieved a bachelor degree in Biology followed by a master degree in Cellular and Molecular Biology at the University of Turin. During her internship in the group of Prof. Gianfranco Gilardi, supervised by Dr. Francesca Valetti and Dr. Simone Morra, she developed an interest for biochemistry, particularly for the study of proteins. She moved to the Netherlands to join the research group of Prof. Marcellus Ubbink at Leiden Institute of Chemistry in 2016 to work on protein-protein interactions. Her research project was aimed at understanding the importance of charge distributions on the protein surface for the encounter complex and for protein complex formation.

List of publications

Ubbink, M., and Di Savino, A. (2018) Chapter 5: Protein-protein interactions, in *New Developments in NMR - Paramagnetism in Experimental Biomolecular NMR* (Luchinat, C., Parigi, G., and Ravera, E., Eds.), pp 134–162. The Royal Society of Chemistry, Cambridge, UK. ISBN: 9781788014960

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van Son, M., Schilder, J. T., Di Savino, A., Blok, A., Ubbink, M., and Huber, M. (2020) The transient complex of cytochrome c and cytochrome c peroxidase: Insights into the encounter complex from multifrequency EPR and NMR spectroscopy. ChemPhysChem 21, 1060–1069.

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