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### Objectives



**Short Bio:** Sílvia Osuna received her PhD in

2010 from the University of Girona (UdG) at the Institut de Química Computacional (IQC). In 2010, she moved to the group of Prof. Houk at the University of California, Los Angeles (UCLA) with a Marie Curie postdoctoral fellowship. Sílvia is now an ICREA research professor at UdG. Her group was created thanks to the awarded 2015 European Research Council project - Starting grant project (ERC-2015-StG-679001)

and focuses on the development of new computational tools and approaches for computational enzyme design. Sílvia has more than 95 research publications, and been recently awarded the 2022 Premio Nacional de Investigación para Jovenes investigadores Maria Teresa Toral, the 2022 Societat Catalana de Química al talent jove award, the 2021 EuChemS lecture award, the Catalan National Research Award – Young Talent 2019 from Fundació Catalana de Recerca i Innovació (FCRi), Young Investigator Award by Lilly and Royal Spanish Society of Chemistry RSEQ (2019), among others. Her group is currently funded by the European Research Council project - Consolidator Grant (ERC-2022-CoG-101088032), ERC- Proof of Concept (ERC-2022-POC-101112805), two I+D Spanish MINECO project (PID2021-129034NB-I00, PDC2022-133950-I00), and Human Frontier Science Program Grant (RGP0054/2020).

## Speakers

**Speaker:** Sílvia Osuna. PhD at the Institut de Química Computacional. She is currently an ICREA research professor at UdG. Recently awarded the 2022 Premio Nacional de Investigación para Jovenes investigadores Maria Teresa Toral.

**Host:** Víctor Guallar. Electronic and Atomic Protein Modelling Group Manager. Life Sciences- Department, BSC

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