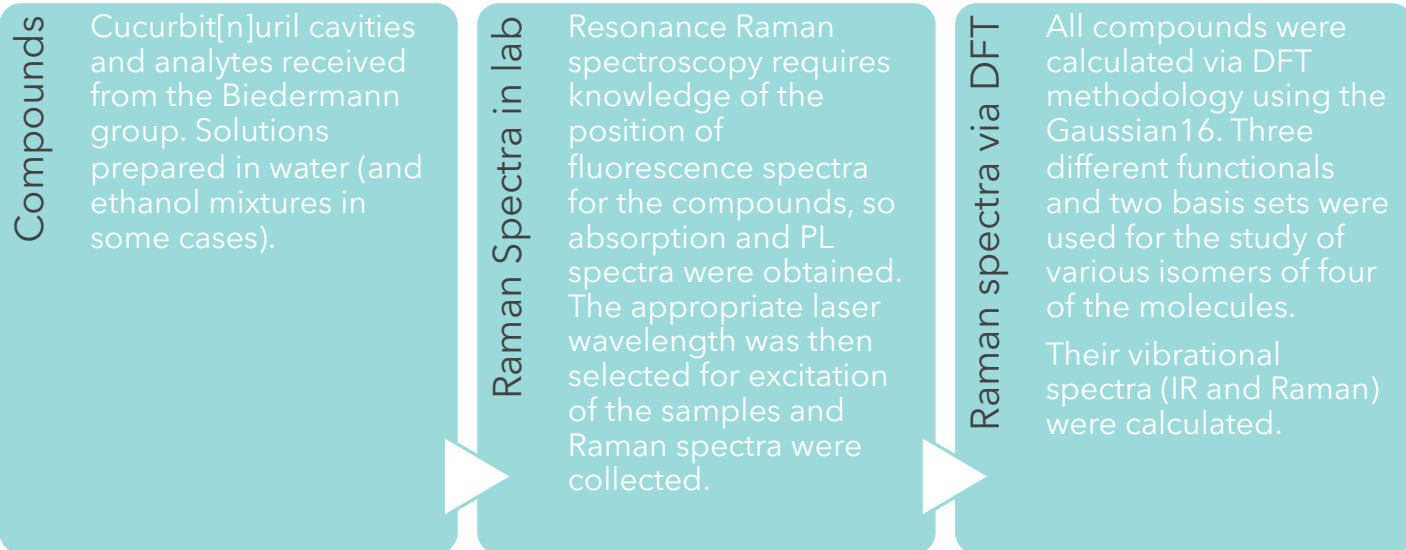


Supramolecular LUminescent Chemosensors for Environmental Security

Investigation of chemosensors based on cucurbit[n]uril (CB) via DFT and resonance Raman spectroscopy.

One-month visit at the University of Cyprus to get involved in molecular spectroscopy experiments, especially in Resonance Raman spectroscopy, and combine calculations with experiment.



The completion of this STSM was a well-organized task in combining theory with experiment. During this period, the experiment, its technical details, Raman spectroscopy theory, and the application of the density functional theory for the calculation of the IR and Raman spectra of compounds under investigation were the objectives that constituted "the study guide".

Eleftherios Papamichalis

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Host Group: « Sophia C. Hayes », « University of Cyprus », « CY » - WG1/2

Period: 01.07.2024 to 31.07.2024