

**Poster LSH37**

## **Supercritical Extraction of Pathogenic Bacteria**

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In this work, we present the different extraction steps for the analysis and identification of bioactive molecules. The aim of the extraction step is the desorption of molecules of interest for the matrix active sites. The supercritical CO<sub>2</sub> or supercritical water can be used for their low costs. This technique offers several advantages from the extraction time, its solvent consumption and the yield point of view without alteration of the extracted product.