

**Iulia COCOSILA**  
**(PhD student 3<sup>rd</sup> year)**

**Laboratoire de Chimie des Processus Biologiques**

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**RESEARCH INTERESTS**

Bioinspired and heterogenized molecular catalysts, for CO<sub>2</sub> reduction

- Organic and organometallic synthesis
- Catalysis
- Electrochemistry
- Surface modification, electrochemical grafting
- Photochemistry
- Artificial Enzymes

**EDUCATIONAL BACKGROUND**

2021-2024	PhD Program Collège de France
2019-2021	Master's Degree in Molecular Chemistry and Interfaces (MOCHI) École Polytechnique, Institut Polytechnique de Paris
2017-2019	Bachelor's Degree in Sciences for Health, Chemistry Université Paris Descartes

**PREVIOUS RESEARCH ACTIVITY**

march – aug 2021	Laboratoire de chimie des processus biologiques, Collège de France, Paris M2 Internship: <i>Synthesis of catalysts and functionalization on electrodes surfaces for CO<sub>2</sub> valorization</i>
july - aug 2020	Laboratoire de synthèse organique (LSO), École Polytechnique, Palaiseau M1 Internship: <i>Synthesis of new monomers by radical chemistry of xanthates</i>
Aug. 2019	Department of Research and Innovation, L'Oréal, Chevilly Larue Internship: <i>Research and Development Makeup</i>