

Yutzil SEGURA RAMÍREZ
PhD student

Laboratoire de Chimie des Processus Biologiques
Collège de France
11 Place Marcelin Berthelot, 75005 Paris, France
E-mail: yutzil.segura-ramirez@college-de-france.fr



RESEARCH INTERESTS

- CO₂ valorization
- Electrocatalysis
- Chemical engineering
- Molecular electrocatalysis
- Organic and inorganic synthesis

EDUCATIONAL BACKGROUND

2022 – Current PhD in Chemistry (Génie des Procédés)
Sorbonne Université (Laboratoire Interfaces et Systèmes Electrochimiques) and Collège de France (LCPB), France

Project title: CO₂ electroreduction from waste incinerator flue gas using molecular catalysts

2020 – 2022 Master's degree in Chemistry, International Track
Université Paris-Saclay, France

2014 – 2019 Bachelor's degree in Chemical Engineering
University of Sonora, Mexico

PREVIOUS RESEARCH ACTIVITIES

Jan – Jul 2022 Institut de Chimie Moléculaire et des Matériaux d'Orsay, Institut de Chimie Physique, France
M2 Internship « Copper-based nanoparticles for CO₂ electroreduction »

Apr – Jun 2022 Institut de Chimie Physique, France
M1 Internship « Polyoxometalates as electrocatalysts for the oxidation of sulfur containing molecules »

Jun – Jul 2018 The University of Arizona, United States
Bachelor's Internship « Corrosion rate of steel in water delivery pipes »