JOB OFFER

Date: 30/01/2023

PRINCIPAL INVESTIGATOR: **Raúl Muñoz Torre**
SCIENTIFIC PROGRAM: **Unidad de Tecnología Ambiental / Instituto de Procesos Sostenibles (http://www.ips.uva.es/)**
JOB OFFER: **Assistant researcher**

PROJECT TITLE: BIOMASS AND WASTE AS PRECURSORS OF THE COUPLED PRODUCTION OF HYDROGEN AND METHANE IN THE NEW INDUSTRIAL ENERGY TRANSITION SCENARIO (ALL-TO-GAS)

PROJECT DESCRIPTION: The project ALL-TO-GAS will transform biomass and waste precursors into syngas, which itself will be converted into added value products. The tasks associated to this contract will involve the enrichment and characterization to microbial communities with the ability to bioconvert syngas.

TENTATIVE DURATION: **01/03/2023 – 28/02/2024**

REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS: Degree and master's degree in one of the following disciplines: Biotechnology, Environmental Engineering. Engineering or Biology. Previous knowledge and laboratory experience in the culture of microorganisms, bioprocesses and operation of bioreactors will be valued.

The candidate must perform well in a multidisciplinary team and in the oral and written communication of results and ideas. Participation in publications in international scientific journals and communications in national and international conferences will be positively valued.

CONTACT: **mutora@iq.uva.es**

DEADLINE: 10/02/2023

Institute of Sustainable Processes
UNIVERSITY OF VALLADOLID

UVa

Institute of sustainables Processes C/ Dr.Mergelina, s/n 47011, Valladolid, Spain

JOB OFFER

Date: 30/01/2023

PRINCIPAL INVESTIGATOR: **Raúl Muñoz Torre**
SCIENTIFIC PROGRAM: **Unidad de Tecnología Ambiental / Instituto de Procesos Sostenibles (http://www.ips.uva.es/)**
JOB OFFER: **Assistant researcher**

PROJECT TITLE: CONVERSION OF DILUTED MIXED URBAN BIO-WASTES INTO SUSTAINABLE MATERIALS AND PRODUCTS IN FLEXIBLE PURPLE PHOTOBIOREFINERIES

PROJECT DESCRIPTION: The project DEEP PURPLE will transform diluted urban bio-wastes, including mixed waste streams, organic fraction of municipal solid waste (OFMSW), wastewater (WW) and sewage sludge (SS), into feedstock for bio-industry to obtain sustainable bio-products. This revolutionary concept will be implemented in a novel Single-Site Multi-Platform Concept (Biomass, Cellulose and Biogas) to replace current polluting destructive practices with new value added concepts. The task associated to this contact are the purification of the cosmetic product ectoine.

TENTATIVE DURATION: **01/03/2023 – 30/11/2024**

REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS: Degree and master's degree in one of the following disciplines: Biotechnology, Environmental Engineering or Chemical Engineering. Previous knowledge and laboratory experience in the culture of microorganisms, bioprocesses and operation of bioreactors will be valued.

The candidate must perform well in a multidisciplinary team and in the oral and written communication of results and ideas. Participation in publications in international scientific journals and communications in national and international conferences will be positively valued. Essential level of English B1.

CONTACT: **mutora@iq.uva.es**

DEADLINE: 10/02/2023

Institute of Sustainable Processes
UNIVERSITY OF VALLADOLID

UVa

Institute of sustainables Processes C/ Dr.Mergelina, s/n 47011, Valladolid, Spain

JOB OFFER

Date: 20/01/2023

PRINCIPAL INVESTIGATOR: **Raquel Lebrero Fernández**
SCIENTIFIC PROGRAM: **Unidad de Tecnología Ambiental / Instituto de Procesos Sostenibles (http://www.ips.uva.es/)**
JOB OFFER: **Assistant researcher**

PROJECT TITLE: **From residual volatile organic compounds to valuable products: novel strategies to valorize waste gaseous emissions (ReCOVery)**

PROJECT DESCRIPTION: The project ReCOVery aims at motivating a step forward on the management of waste gaseous emissions containing volatile organic compounds, targeting their valorization into value-added compounds rather than their destruction by conventional physical-chemical processes.

DURATION: **01/03/2023 – 30/11/2024**

REQUIREMENTS, EXPERIENCE AND ACADEMIC QUALIFICATIONS: Degree and master's degree in one of the following disciplines: Biotechnology, Environmental Engineering, Chemical Engineering or Biology.

Previous knowledge and laboratory experience in the culture of microorganisms, bioprocesses and operation of bioreactors will be valued.

The candidate must perform well in a multidisciplinary team and in the oral and written communication of results and ideas. Participation in publications in international scientific journals and communications in national and international conferences will be positively valued. Essential level of English B1.

CONTACT: **raquel.lebrero@uva.es**

CALL LINK: https://portal.sede.uva.es/tablon/investigacion/9fddb17a-6123-410d-80b4-950c2f18e51a

DEADLINE: 06/02/2023

Institute of Sustainable Processes
UNIVERSITY OF VALLADOLID

UVa

Institute of sustainables Processes C/ Dr.Mergelina, s/n 47011, Valladolid, Spain