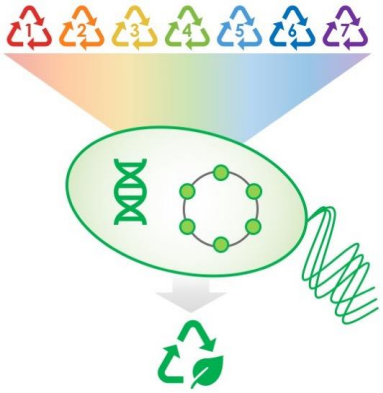
Postdoc Offer - Microbial Biotechnology for Sustainable Plastics



ReCREA

Revalorización de plásticos: Ceras bacterianas para la producción de polímeros reciclables en Acinetobacter

Have you recently obtained your PhD related to Microbial Biotechnology? Do you want to be in the frontline of research to reduce plastics pollution? We are offering a two-year postdoc position for immediate incorporation associated to the ReCREA project at the Center for Biological Research Margarita Salas (Madrid, Spain). ReCREA is a multidisciplinary and collaborative project aimed at the microbial conversion of plastic wastes for the production of new sustainable materials with a closed-loop life cycle. It is funded through an agreement between the CSIC Interdisciplinary Platform for Sustainable Plastics for a Circular Economy (SusPlast) and the Reina Sofía Foundation, with the collaboration of the Primafrío Foundation. The candidate will apply systems and synthetic biology in the bacterial host *Acinetobacter baylyi* ADP1 and will have the opportunity to collaborate with an interdisciplinary team of researchers specialized in plastics waste treatment, bioprocess upscaling, and polymer development.

We are looking for candidates with a recent a doctoral degree (generally less than three years) with a strong background in Biotechnology, Microbiology, Molecular Biology, Biochemistry, or related disciplines, and who are highly motivated to work in an ambitious project that seeks to reduce the environmental impact of plastics pollution. The candidate's responsibilities will include performing research in the area of metabolic engineering, mentoring students, and disseminating the results in scientific journals and conferences. Participation in outreach activities to publicize the science performed in the project will be strongly encouraged.

Interested candidates should send their CV, a letter of motivation (preferably in English), and two contacts for references to isabel.pardo@cib.csic.es before 28th February 2022.