**Curso 2025/26 **

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| **Nombre y Apellidos:** | David Gonzalez Ballester |
| **Categoría Profesional:** | Profesor Titular |
| **Cargo:** | Profesor Titular |
| **Departamento:** | Bioquímica y Biología Molecular |
| **Área de Conocimiento:** | Bioquímica y Biología Molecular |
| **Teléfono:** | 957218352 |
| **Correo electrónico:** | dgballester@uco.es |
| **Orcid iD:** | 0000-0003-0024-1886 |
| **Página web:** | https://algaefamlab.wixsite.com/algaefamlab |

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| **Líneas de Investigación** |
| Producción de biohidrógeno y biorremediación con microalgas |
| **Proyectos de Investigación** |
| **Algae-Bacteria To Get Green H2 Energy Responses (TOGETH2ER).** MICINN-Plan Estatal 2021-2023 De Investigacion Cientifica, Tecnica Y De Innovacion. Proyectos estratégicos orientados a transición ecológica y digital. TED2021-130438B-I00. 2023-2025**Microalgal bioremediation of farming residues and valorization of the algal biomass**. Ministerio de Ciencia e Innovación. PID2019-105936RB-C22. 2020-2024**Producción de hidrógeno y otros biocombustibles en microalgas: metabolismo de foto-asimilación de acetato en hipoxia.** Fondos FEDER-Universidad de Córdoba. 1381175-F. 2022 |
| **Publicaciones** |
| 2024. Microalgae for bioremediation: advances, challenges, and public perception on genetic engineering. Calatrava V., Gonzalez-Ballester D., Dubini A. *BMC Plant Biology*, 24 (1), art. no. 1261. DOI: 10.1186/s12870-024-05995-52024. Chlamydomonas reinhardtii and Microbacterium forte sp. nov., a mutualistic association that favors sustainable hydrogen production. Fakhimi N., Torres M.J., Fernández E., Galván A., Dubini A., González-Ballester D. *Science of the Total Environment*, 913, art. no. 169559. DOI: 10.1016/j.scitotenv.2023.1695592023. Stenotrophomonas goyi sp. nov., a novel bacterium associated with the alga Chlamydomonas reinhardtii. Torres M.J., Fakhimi N., Dubini A., González-Ballester D. *F1000Research*, 12, art. no. 1373. DOI: 10.12688/f1000research.134978.32022. Chlamydomonas-Methylobacterium oryzae cooperation leads to increased biomass, nitrogen removal and hydrogen production. 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| **Otras Actividades Profesionales** |
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