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| <u>TITLE</u> | Evolutionary Synthetic Biology Of Microbes (EoI-CsBGP-03) |
| <u>RESEARCHER PROFILE</u> | Postdoctoral: First Stage Researcher (R1) or Recognised Researcher (R2) |
| <u>TYPE OF CONTRACT</u> | Temporary contract of 2 years |
| <u>IP</u> | Alejandro Couce Iglesias |
| <u>GROUP INFORMATION</u> | http://www.cbgp.upm.es/index.php/es/informacion-cientifica/csbgp/alejandro-couce |
| <u>OFFER DETAILS</u> | We are seeking to appoint a highly-motivated Postdoctoral Researcher to investigate how the conflict between robustness and plasticity drives microbial evolution. The successful candidate will construct a variety of synthetic systems involving different levels of organisation (from operons to multi-strain consortia), which s/he will then subject to high-throughput fitness assays and evolve-and-resequence experiments. |
| <u>MAIN RESPONSABILITIES</u> | We anticipate the position having a substantial degree of independence. The successful candidate will contribute to experimental design, data analysis and manuscript preparation. There will be ample opportunity for career development, including the possibility to co-supervise PhD, MSc and undergraduate students, apply for funding, teaching and present her/his work on international conferences. |
| <u>SPECIFIC OFFER REQUIREMENTS</u> | Interested candidates please send a single PDF file with a cover letter and a CV including publication list and contact details of at least 2 referees |
| <u>REQUIRED QUALIFICATIONS</u> | Expertise in molecular microbiology methods is required. Expertise in modular gene assembly (e.g. Gibson, golden gate) or high-throughput techniques (e.g., TnSeq, multi-site mutagenesis) will be considered a plus. Good English communication skills, both written and oral, are expected. |
| <u>ELIGIBILITY CRITERIA</u> | Preference will be given to candidates with a strong background in synthetic or molecular biology, but candidates with backgrounds in plant-microbe interactions or experimental evolution are also welcome. |