

2017 UPV HOSTING OFFER FOR “MSCA IF” RESEARCHERS

PANEL 6. LIFE SCIENCES (LIF)

1. [Functionality of hydrocolloids in the reduction of in vitro lipid digestibility of food emulsions](#)
2. [Use of biocompatible supports for the development of new antimicrobials and control release systems](#)
3. [Modulation of brain activity \(neurofeedback\) to voluntarily control parameters related with pain perception in chronic pain patients](#)
4. [Dynamic Biomarkers based on Multiparametric Tissue Signatures for the follow-up and response to treatment assessment of patients with glioblastoma or prostate cancer](#)
5. [SILWAMED](#)
6. [Development of nanophotonic sensors for medical and environmental applications](#)
7. [Ultrasonic assisted drying of by-products to obtain valuable products](#)
8. [New ways to improve the efficiency of microspore embryogenesis in recalcitrant solanaceae: study of hormonal regulation](#)
9. [New developments on PET detectors with high performance capabilities, especially focussed on sub 300 ps timing resolution.](#)
10. [Use of introgressomics for improvement of eggplant \(Solanum melongena\) and adaptation to climate change challenges](#)
11. [Compact biophotonic platform for drug allergy diagnosis \(COBIOPHAD\).](#)

12. [Alternative methods for the control of European eel reproduction](#)
13. [Active films for food packaging applications based on biodegradable polymers](#)
14. [Cardiac Regeneration Medicine](#)
15. [Medical simulators for Cardiovascular system: personalized 3D-heart printing models for planning valve interventions \(Napoleon v.2\)](#)
16. [Integrated weed management of Echinochloa spp. and Leptochloa spp. infestations in flooded rice fields.](#)
17. [Plant RNA viruses translocation through the plant and the pathogenesis process.](#)
18. [Electrohysterography: building bridges to clinical practice](#)
19. [ABA signaling. Extending half-life of ABA crop receptors to cope with drought stress](#)
20. [Development of fibre optic sensors for novel applications: ranging from medical to aerospace applications.](#)
21. [Novel optoelectronic devices based on silicon CMOS technologies](#)
22. [Innovation in the study of dwelling](#)
23. [Deciphering potassium transporter regulation in plants and yeast \(K-REG\)](#)