

Collaborative and remote analysis of biomedical images libraries

Contact information

Address: Main researchers:

- ANDRES DE SANTOS LLEO

andres.santos@upm.es

- DANIEL CUADRADO SÁNCHEZ

- MARIA POSTIGO CAMPS

- JAIME GARCIA VILLENA

- Miguel Angel Luengo Oroz

miguel.luengo.oro@upm.es

- EVA ROJAS SÁNCHEZ-PANTOJA

- MARIA JESUS LEDESMA CARBAYO

mj.ledesma@upm.es

Other UPM researchers:

- Alexander Vladimirov Bakardjiev Centro de I+d+i en Procesado de la Información y Telecomunicaciones (IPT)
- José Luis González Moreno Centro de I+d+i en Procesado de la Información y Telecomunicaciones (IPT)

Technological Offers type

Software

Research and innovation areas

- Bioeconomía, Biotecnología y Sistemas Alimentarios
- Tecnologías digitales, Inteligencia Artificial, ciberseguridad, 5G, robótica

Where?

Biomedical imaging technology Information and Telecommunications Processing R&I Centre

Software description

The Libraries for collaborative analysis of biomedical images are a series of tools that can be coupled, adapted and extended with additional modules to offer remote imaging analysis services assisted by mobile apps, image acquisition devices and human and algorithmic collaborators. The libraries are divided into 5 thematic modules which, in turn, are sub-divided into various codes. Four modules are aimed at the acquisition of data and medical images on processing systems via mobile apps and associated hardware. The fifth module refers to a series of software programs and modules in the cloud that make it possible to process, analyse and visualise the information via the web.

Reference

M-002337/2018