

MSCA-PF 2026: JESÚS USÓN MINIMALLY INVASIVE SURGERY CENTRE (JUMISC)

Who we are:

The Jesús Usón Minimally Invasive Surgery Centre (JUMISC) is a public and multidisciplinary institution devoted to research, innovation, training and technology transfer in the field of Minimally Invasive Surgery (MIS) and health care. Within these areas, we are devoted to innovation and medical training in collaboration with hospitals and companies in the medical sector. Dr. Francisco Miguel Sánchez Margallo serves as the Scientific Director of the JUMISC. He has led or participated in over 150 R&D projects at national and international levels, with public and private partners. Also, he has supervised 42 doctoral theses and is currently mentoring five PhD candidates

What we offer:

JUMISC conducts research in a wide range of biomedical fields. This includes the design, coordination, and execution of research activities in minimally invasive surgery and *in vivo* preclinical trials for pharmaceutical and medical device industries. Additional strategic lines of research include: advances in minimally invasive surgery, surgical robotics innovation, new therapies for prostatic diseases, cardiovascular research, biomedical engineering, 3D bioprinting for regenerative medicine, 3D printing for surgical simulation and training, cell therapy and personalized medicine, *in vivo* biomaterials evaluation, biomedical technology and device validation, digital and immersive technologies, and advances in assisted reproduction techniques.

Our interests:

HORIZON-MSCA-2026-PF-01: MSCA Postdoctoral Fellowships 2026