Olga Abián Franco

Olga began her research career in 1998, after graduating in Pharmacy and obtaining her PhD in Molecular Biology in 2003. She has worked at the BIFI Institute and IACS, specialising in biophysical techniques and clinical applications, such as digestive oncology. Since 2021, she has been a full professor at the University of Zaragoza. Her research focuses on liquid biopsy for early cancer diagnosis.

Researcher profile

She is lead researcher (R4 according to EURAXESS level) and specialised in the development of diagnostic technologies for digestive cancers. Her work focuses on non-invasive methods, such as thermal liquid biopsy and nanoparticles, supported by artificial intelligence, in order to improve early diagnosis and facilitate their implementation in hospitals.

Importance of her research

Her research addresses one of the biggest challenges in oncology: the early detection of digestive cancers. Through thermal liquid biopsy and artificial intelligence, non-invasive methods are being developed to identify biomarkers in early stages, facilitating their implementation in hospitals and improving screening and patient follow-up.