



Dr. Andy L. Olivares

is a senior researcher and assistant professor at Universitat Pompeu Fabra. He obtained his degree in Mechanical Engineering from UO (Cuba) and a PhD in Materials Science from UPC (Spain). From 2011 until 2015, he worked as a postdoctoral fellow in the IBEC. In 2015, he joined the Symbiosis group in BCN-MedTech (UPF). In 2016, he started to work in the Physense group, also part of BCN-MedTech at UPF. Together with Dr. Oscar Camara, he initiated a new research line on computational tools to support LAAO interventions. He has been the tutor of tens of undergraduate, graduate and PhD students at UPF doing projects related to LAAO. Several national and international

projects have funded research on this topic during the last years. Dr. Olivares' experience is focused on the development of computational tools for the simulation and design of biomedical devices, organs and physiological behaviors (collected in >25 journals, h-index of 14). Recently, he was the main responsible of a consultancy contract with Boston Scientific, to assess the risk of DRT in 2 their LAAO devices.