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Duarte Rego, MSc degree in Biological Engineering in 2008 from Technical University of Lisbon, Portugal. Duarte Rego has been involved in research on applied technology in an industrial context since graduation. He was involved in supercritical fluids processing regarding nanoparticles formation, microencapsulation of active compounds and extraction working in Separex (France) and after with research institute iBET (Portugal). In 2011 he joined A4F – Algae 4 Future (Lisbon) where he was involved in microalgae cultivation, developing activities in engineering focus on downstream processing technologies, microalgae biomass enrichment and advanced analytical methods.

Currently, Duarte Rego works with EnergyPulse Systems, Portugal, developing pulsed power technologies for food and medical applications. His research focus primarily on the application of Pulsed Electric Fields for optimization of food processes from mass transference (extraction, drying) to microbial inactivation and shelf-life extension of fresh products. Other research interests are the application of Pulsed Electric Fields on a circular economy context for the valorization of byproducts and waste from food industry.