

## Martí BUSQUETS FITÉ - CV

Martí Busquets is an inorganic chemist who has been involved in Applied Nanoparticles SL since its foundation in 2013 as a spin-off of the Catalan Institute of Nanotechnology (ICN). During his five-year tenure as a PhD student within the Inorganic Nanoparticles Group, led by Prof. Víctor F. Puntes at ICN, he focused his research on the synthesis and characterization of metal and metal oxide nanoparticles, including their behavior in biologically relevant environments. This expertise has been transferred to his role of Product Manager and Nanoparticles Engineer at Applied Nanoparticles SL on the production of high quality and highly concentrated inorganic nanoparticles colloids and nanoparticle-based products both for research and industrial uses, such as sensing, immunoassays, functional inks, and, more recently, chemically-labelled nanoplastics. Martí has actively participated in EU FP7 and H2020 projects related to nanotoxicity, nanosafety, the environmental fate of nanomaterials, and the safety-by-design of nanoparticles, mainly leading Work Packages on the production and characterization of nanomaterials. He has experience on training, especially training of PhD students on synthesis, characterization and handling inorganic nanoparticles within Marie Curie International Training Network (ITN) Projects . He is an active member of the NanoSafety Cluster (NSC), participating in various of their focused Working Groups. Additionally, he is active in science dissemination activities such as high school level workshops or general public exhibitions (e.g at Cosmocaixa Science Museum,Barcelona).