# Our Team

**Francisco Blanco** received the BSc degree on Physics from Universidad Autónoma de Madrid in 1998 and MSc and PhD in Electrical Engineering in 2000 and 2006 from Polythechnic University of Madrid. He also holds a Master in Business Innovation (Cambridge and Deusto Universities). He is author of 4 industrial patents, 20 scientific papers, 1 book chapter and he was awarded with a SPIE International Fellowship (2004) for his research work in MEMS and Microfluidic. He is also a reviewer in scientific journals of the MEMS and Energy fields and was director of several PhD thesis.

**Pablo García de Madinabeitia** received his Biomedical Engineer degree in 2017 from University of Navarra (Spain). He obtained his Master's degree from University of Barcelona (Spain) in Nanoscience and Nanotechnology in 2018. He received an academic performance excellence award thanks to the outcome of his master thesis on microfluidics and biosensors. He has joined microLIQUID as fabrication process engineer and works towards the implementation of innovative solutions in the field of microfluidics.

**Ane Altuna** received her Chemical Engineer degree in 2006 and her PhD degree in 2013 from the University of the Basque Country, Spain. She was awarded the PhD Extraordinary Prize for her doctor's degree in Health Sciences. Since 2013 until now she is working as project manager in microLIQUID, contributes to scientific journals as reviewer and collaborates as evaluator in H2020 programme. She is author of 1 patent and 7 scientific papers, 6 of them as first author.


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# Additive Manufacturing of 3D Microfluidic MEMS for Lab-on-a-Chip applications.

**www.m3dloc.eu**

microLIQUID
experts in microfluidics

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# Who we are

**We are experts in development and manufacture of microfluidic products.**

microLIQUID is a one-stop provider of end-to-end Bioscience solutions, spanning all the microfluidic value chain from cartridge to equipment. Starting with design and proof of concept, we work with our company customers **from development to mass-production** of potentially fully certified microfluidic IVD or Pharma solution. This is possible as we have under one roof Bioscience, Engineering and New Product Introduction expertise

# Our product & services

One of our key strengths is the ability to provide novel processing solutions where conventional manufacturing processes are no longer valid. The challenges that we regularly address entail the inclusion of micro-sized features as well as the design and manufacturing of several types of **micro mould technologies (Silicon, PDMS, SU-8 and steel)**, the combination of micro and macro features, combinations of process steps, challenging assembly steps, stringent QC requirements and packaging of the final product. Our manufacturing team deliver small and large volumes of products to customers around the world. microLIQUID offers full solutions for the fabrication of macro-, micro-, nano-structured and multi-layer polymer devices, in some cases also with silicon and glass material in hybrid solutions for the market. microLIQUID provides microfluidic cartridge development for customers´ proprietary platforms whilst also offering a full solution from microfluidics through precision flow control equipment.