

Our Team



LYDIE JEUX is the head of research projects in microfluidics applied to cell biology at Elvesys. She received her PhD in Biology (Immunology-Oncology) in 2013 before completing a research engineer appointment in cellular and molecular biology in CNRS. She has also been trained as a Clinical Research Associate.

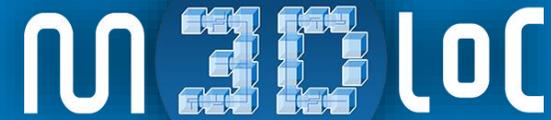
AURÉLIE VIGNE is Scientific Director in microfluidics. She received her PhD from the University of Bordeaux (droplet-based microfluidics for the engineering of enzymes of therapeutic interest) in 2018. Her areas of expertise are droplet-based microfluidics and acoustofluidics. Currently she is in charge of the microfluidic aspects on different research projects in Elvesys.

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

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Who we are

The Elvesys group develops a range of state-of-the-art microfluidic instruments, for all kinds of microfluidic applications. Our microfluidic systems can be used in many different fields, such as biology, chemistry, drug delivery, but also for cosmetics and food. Microfluidic technologies and applications are a building block of biotechnologies. Today, biotechnologies have rightfully become essential to our development as a society, and our state-of-the-art range of microfluidic instruments is already playing a part in shaping our world's future.

ELVESYS develops high performance and Plug & Play flow control systems fitted to microfluidic research under the brand Elveflow®. We're passionate about scientific progress. We've observed that new scientific instruments are the game-changers that lead to the greatest scientific discoveries, and that's why we set up our microfluidic instrumentation company. Not for profit – that's a mean, not an end. Just because we want to help you make great discoveries.



Our product & services



Our main product is the pressure controller OB1, the only microfluidic flow control system in the world to use patented piezoelectric regulators, enabling a flow control that is 20 times more precise and 10 times faster than the other flow controllers on the market.

ELVESYS is happy to share its expertise in microfluidics by collaborating with other research groups to develop innovative solutions, mostly for the field of biology and biotechnology, such as organ-on-chip or lab-on-chip devices, or droplets generators..

A CUSTOM SOLUTION TO FIT PERFECTLY YOUR PROJECT

