After a successful collaboration in developing new types of anti-fouling polymers for cell culture and precise control over cell adhesion, SuSoS and Alvéole have now entered into a distribution contract.

Alvéole's goal is to make the control of living cells the future of cell biology. Since the knowledge that the microenvironment has a crucial impact on the regulation of cell behaviour and functions, biologists have required new tools to more efficiently study cells and model diseases. This is why Alvéole developed PRIMO, a 2D and 3D custom protein micropatterning device that allows to mimic *in vitro* the physiological conditions and control the development and proliferation of living cells in culture.

PRIMO contactless and maskless micropatterning technology is a so-called subtractive technology. It relies on the combination of structured UV-light and a specific photo-initiator (PLPP) to degrade an anti-fouling coating and allow for precisely localized protein adsorption on cell culture substrates. Therefore a good anti-fouling coating is the starting point for high-quality micropatterning.

Alvéole and SuSoS established a first collaboration in 2015 with the idea of developing these types of anti-fouling, patternable coatings. This collaboration has resulted in a newly signed distribution agreement, which allows Alvéole customers to now order anti-fouling coating polymers, as PLL-g-PEG, and pre-coated coverslips together with Alvéole's products and consumables. This way, Alvéole enhances its capacity to deliver high-quality service to its customers and offers them the best of micropatterning technology.

About Alvéole

Alvéole was founded in 2010 by three researchers from CNRS in collaboration with Quattrocento, a "creator of young innovative companies" in the life sciences field that enables academic researchers to transform their inventions into commercial products.
Alvéole bases its organization on a team that combines scientific requirements and customer satisfaction. Working together on a daily basis with a common vision, our multidisciplinary skills are in line with users' needs (chemistry, material physics, cell biology).

About SuSoS AG

SuSoS was founded as a spin-off from ETH Zürich in 2004 by Dr. Samuele Tosatti and Dr. Stefan Zürcher. The company offers innovative thin-film polymeric coating solutions as a one-stop-shop - from customer specific coating solutions to industrialized in-line device coating.
Additionally SuSoS offers surface analytical services through dedicated surface characterization techniques (X-ray Photoelectron Spectroscopy, ToF-SIMS, Ellipsometry and Tribometry) and contract research. Operating globally for over 13 year, serving customers from start-ups to Fortune 500 companies, SuSoS has established itself as a leader in optimizing product surfaces.