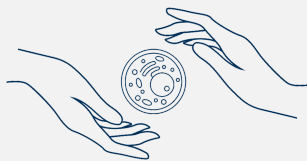
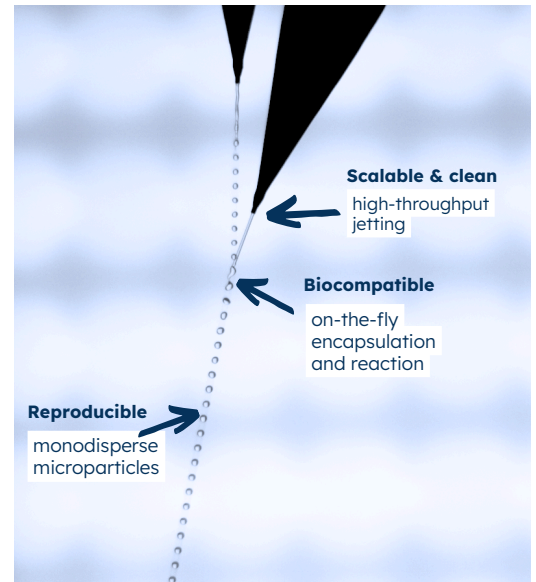


Gentle, precise, and scalable microencapsulation solutions for sensitive ingredients and live cells

DISCOVER THE POWER OF IN-AIR MICROFLUIDICS™

With our patented technology, liquids are encapsulated in the air with high precision and control, enabling the production of monodisperse microparticles 1,000 times faster than traditional microfluidics. At IamFluidics, we develop advanced microencapsulation solutions to improve product performance, production efficiency, and sustainability, allowing R&D teams to get the most out of active ingredients and live cells from laboratory to industrial scale.



compatible with live cells, biomolecules, and sensitive APIs

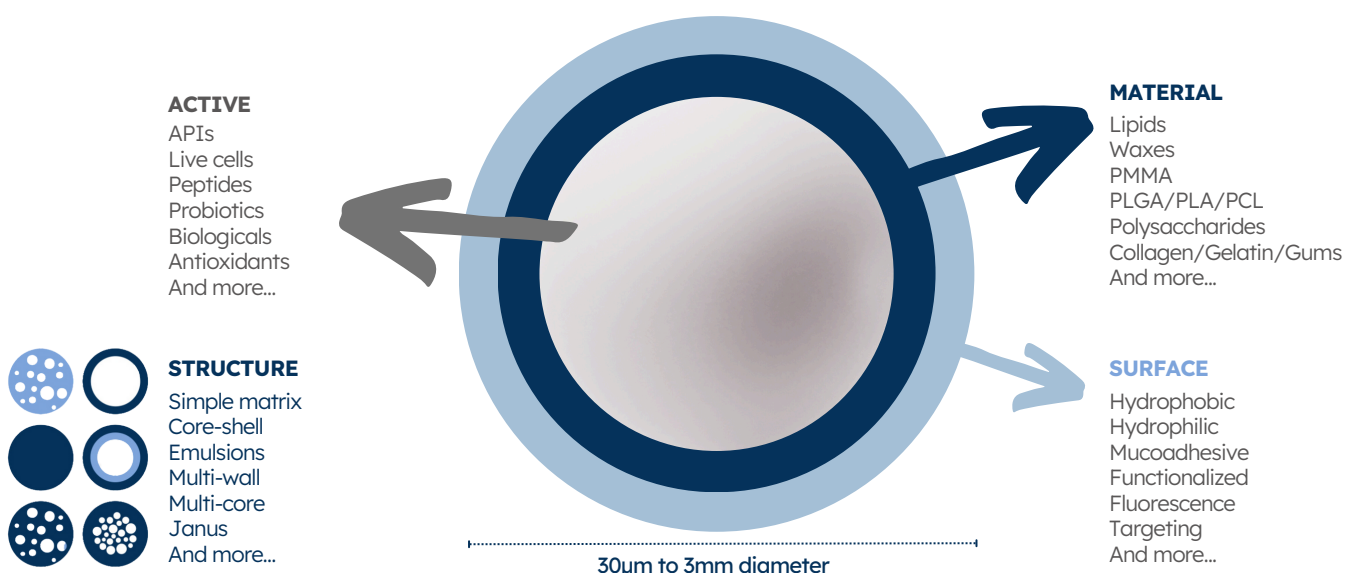


low shear stress
no toxic solvents
no pre-treatment



high precision
high throughput
high efficiency

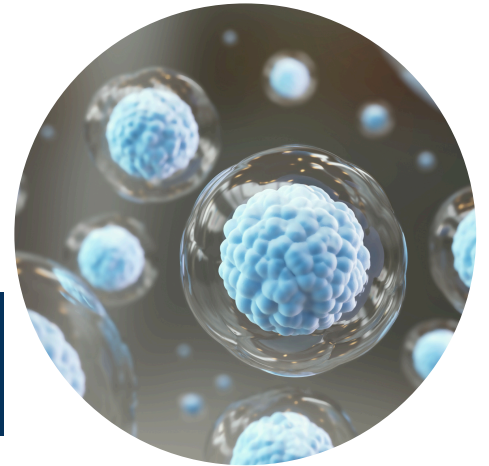
Material versatility and customization



Unlock superior performance with IN-AIR MICROFLUIDICS™

Scaling 3D cell culture

Accelerate and scale cell therapy, organoid production, and tissue regeneration using stem cell encapsulation and high-precision microcarriers.



Fully cytocompatible, more scalable and faster* spheroid production for 3D cell cultures

High-throughput production of dissolvable microcarriers with customizable design

*Compared to traditional spheroid production methods.



Mild & clean

Low shear stresses, no oils / PFAS, emulsifiers, or microplastics that can pollute or damage sensitive cells, bioactives, or the environment.



Uniform & reproducible

Monodispersed size & shape for maximum control over injectability, culture conditions, and cell behavior.



Controlled release

Material versatility enables up to 100% encapsulation efficiency and sustained, pulsatile, and burst release profiles of APIs and biologics.



High-precision and control

Improve formulation performance, increase the stability of very sensitive APIs, and unlock the development of new treatments using controlled and targeted release of ingredients and bioactives that do not survive traditional encapsulation methods.

Compatible with topical, oral, and parenteral dosage forms

Controlled long-active release from weeks to months

Schedule a meeting to learn more and discover how IamFluidics can become your CDMO partner for advanced microencapsulation of active ingredients and live cells.

www.IamFluidics.com

