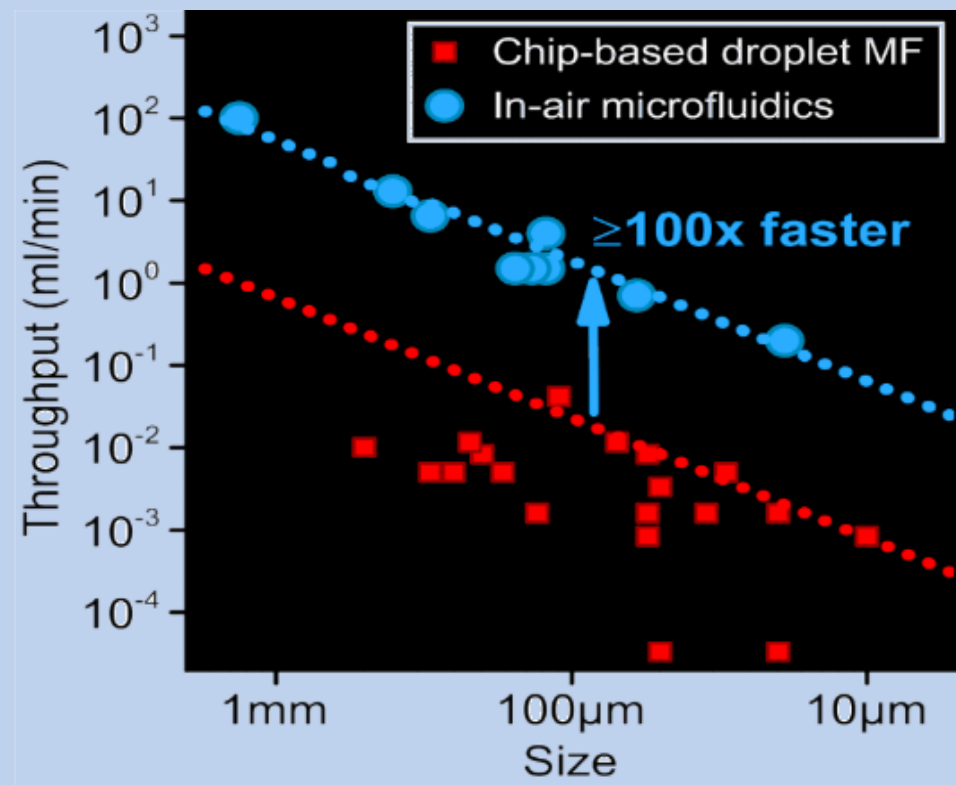
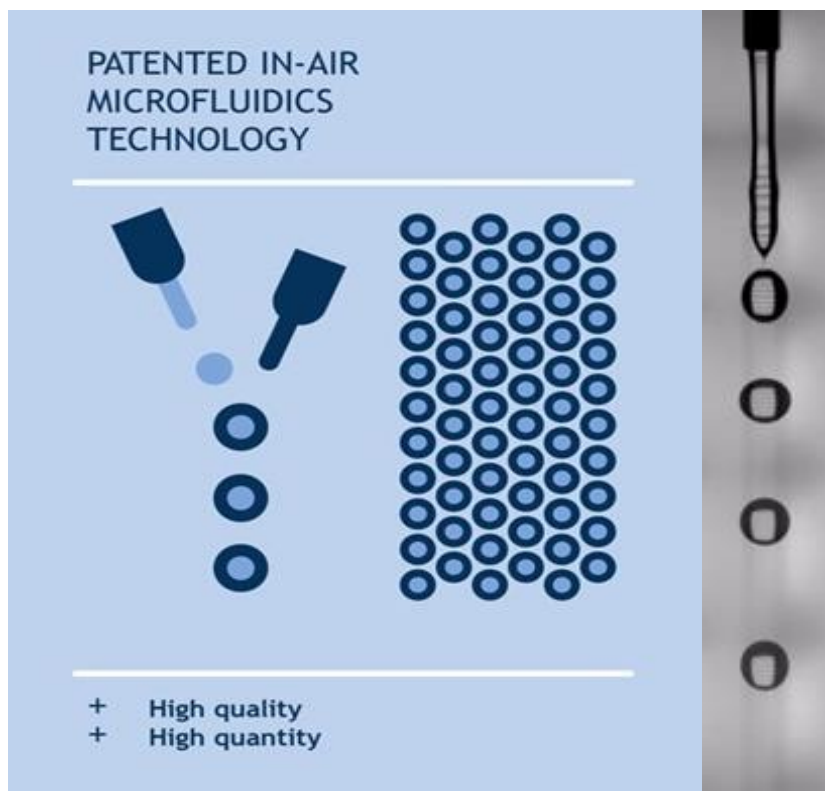


Scalable production of superb microparticles

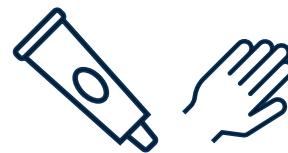


1000x faster than chip-based microfluidics



Scalable production
from grams to tons

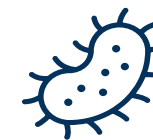




Dermal



Oral

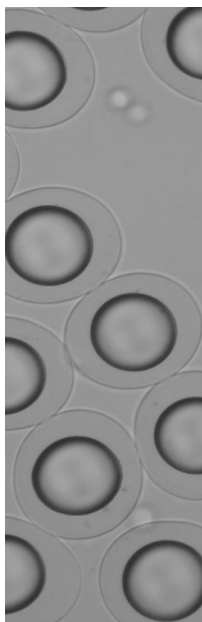


Biomedical



Injectables

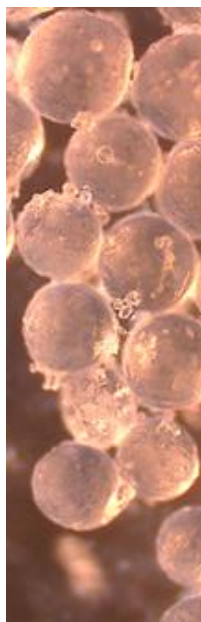
2 Material & application versatility



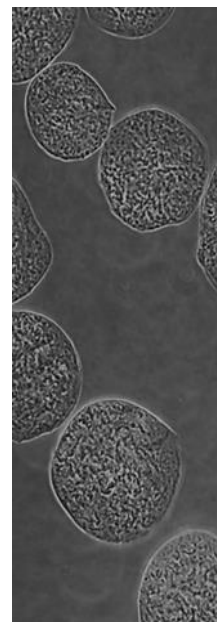
Lipids



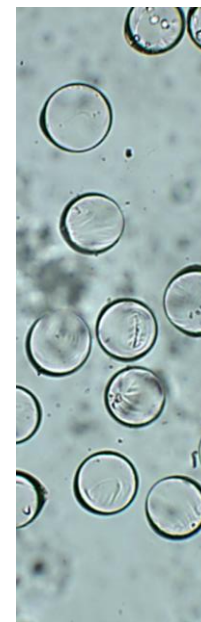
Oleogels



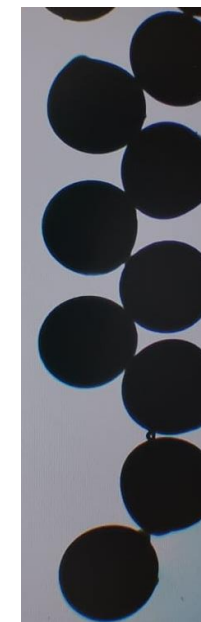
Pickering
emulsions



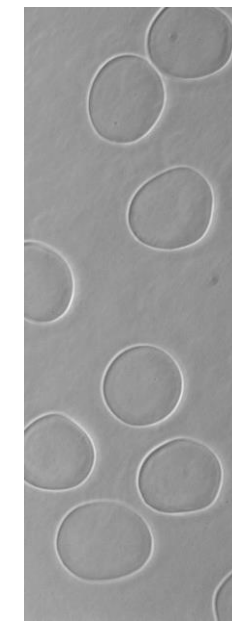
Collagen



PMMA /
Eudragit



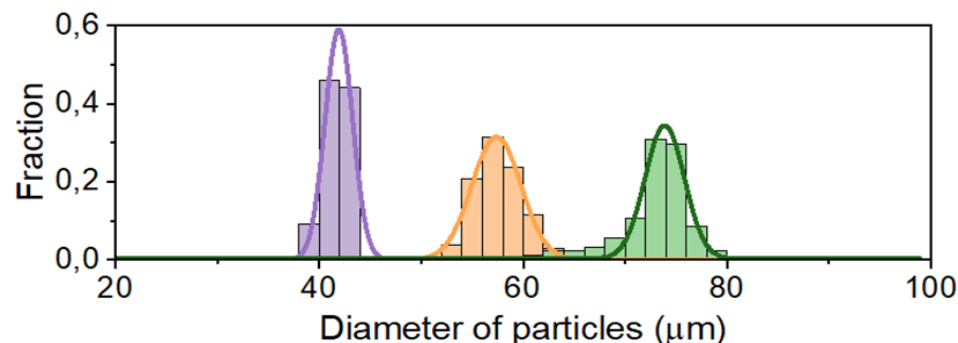
PLA/PLGA



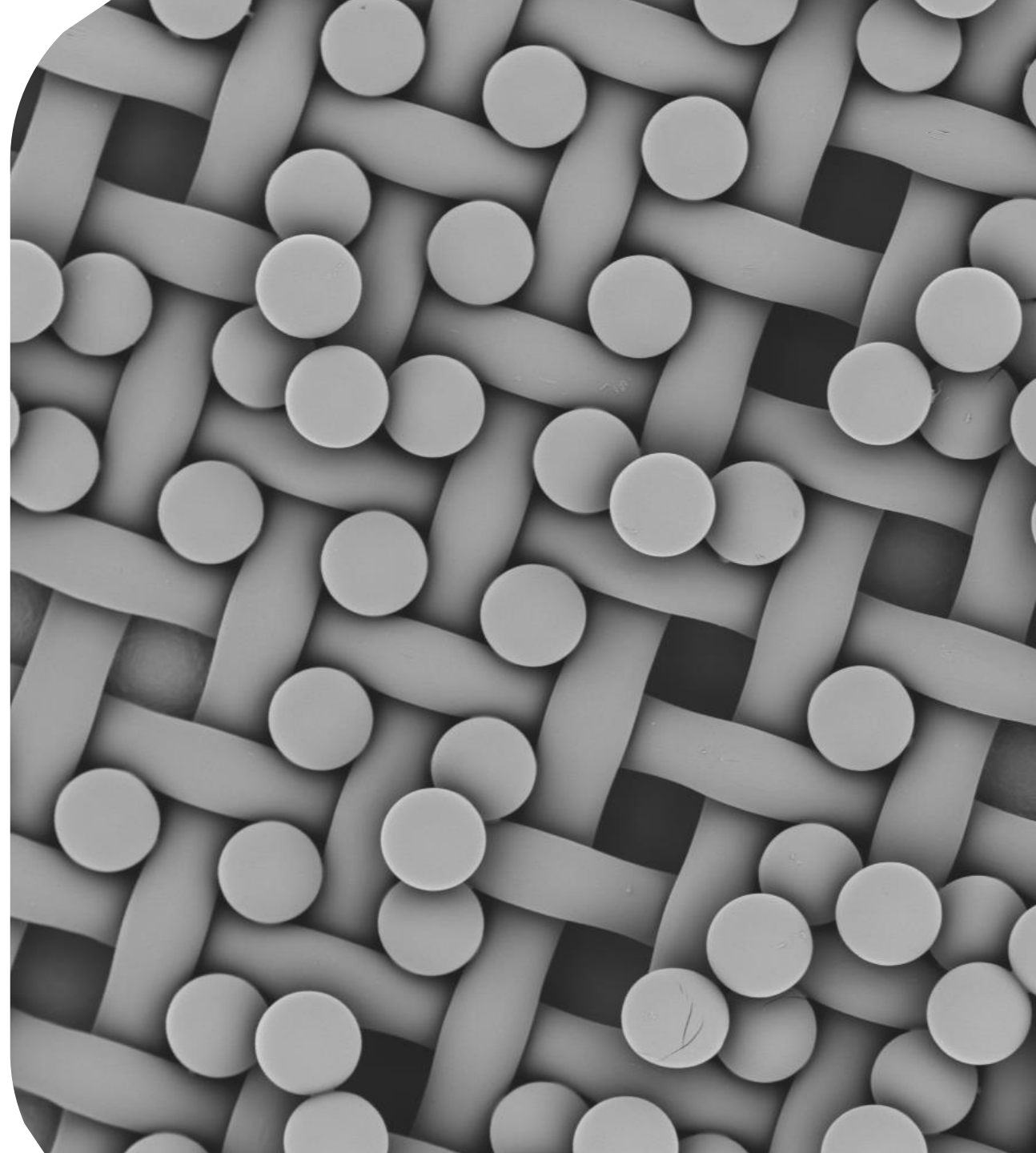
Gelatin

Injectable & monodisperse PLGA microparticles

3



- Sustained drug release
- Biologics compatible: 100% process survival
- Direct particle printing without emulsification
- Sustainable process: > 10x solvent reduction



Case study: microencapsulated curcumin

- PLGA microparticles size $73 \pm 5 \mu\text{m}$
- Stable encapsulation (> 3 weeks)
- Encapsulation efficiency $\geq 40\%$
- Free-flowing powder



Contact us!



Michiel van Alst, MSc

Chief Executive Officer
m.vanalst@iamfluidics.com



Thijs Duursma, MSc

Formulation Chemist
t.duursma@iamfluidics.com

