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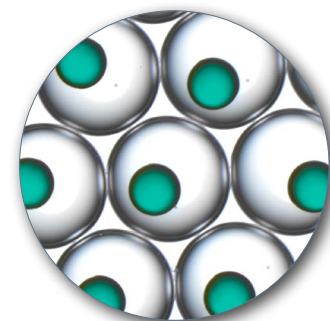
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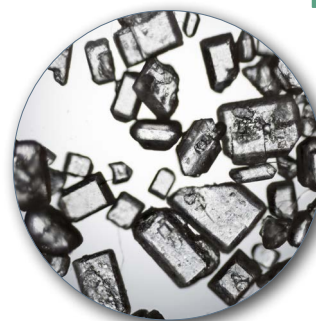
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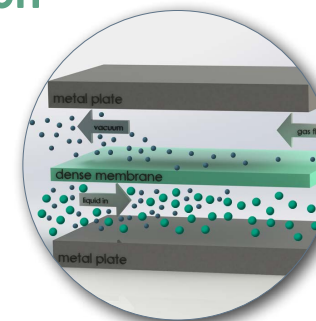
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Emulsification



Crystallization



Pervaporation

Equipment & tailored-made solutions
enabling highly controlled processes
for the development and production
of (bio-)pharmaceutical product

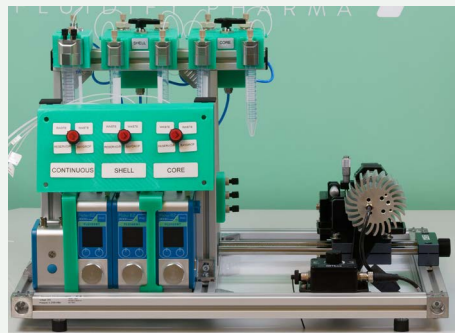
Crystallization

- Devices from lab to industrial scale
- From milligrams to metric tons
- One-step crystallization process: from 1 to 500 μ m
- Narrow Particle Size Distribution (PSD)



Emulsification and Encapsulation

- From g/hour to kg/week of finished product
- One-step simple and double emulsification process: from 30 to 450 μ m
- Lipid nanoparticle processes
- Encapsulation yields > 90%
- Integrative R&D multipurpose platform



Pervaporation



- Energy efficient liquid-liquid extraction from lab to pilot scale
- Compatible with bio-products
- Not impaired by azeotropic mixtures
- Reduced footprint and confined process



Process Intensification

- Increased productivity
- Better process understanding
- Low scale development
- Reduced material consumption
- Fee for service approach: methodical and efficient

Secoya
FLUIDIFY PHARMA

Fields of Application

	Drug substance	Drug Product
Small molecules	Process Intensification Crystallization Pervaporation	Emulsification Encapsulation Pervaporation
Bioproducts	Process Intensification Pervaporation	Emulsification Encapsulation Pervaporation