

Aprovechamiento de compuestos bioactivos a partir de residuos agroindustriales



- Hollejo
- Almazaras
- Grasas de pescado



Polifenoles

Ácidos grasos polinsaturados





Fitoesteroles

Ácidos grasos polinsaturados



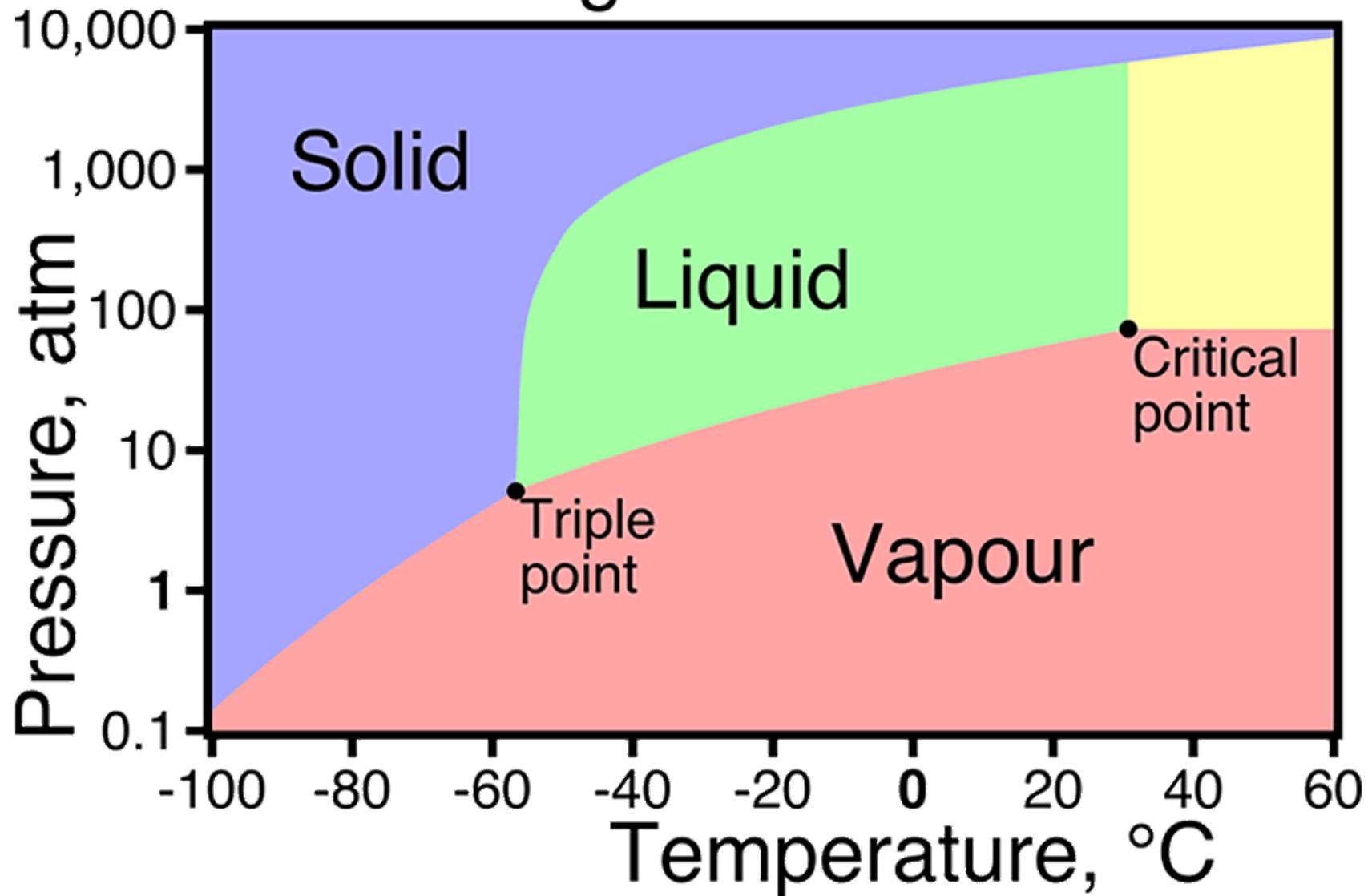
Omega-3, omega-6

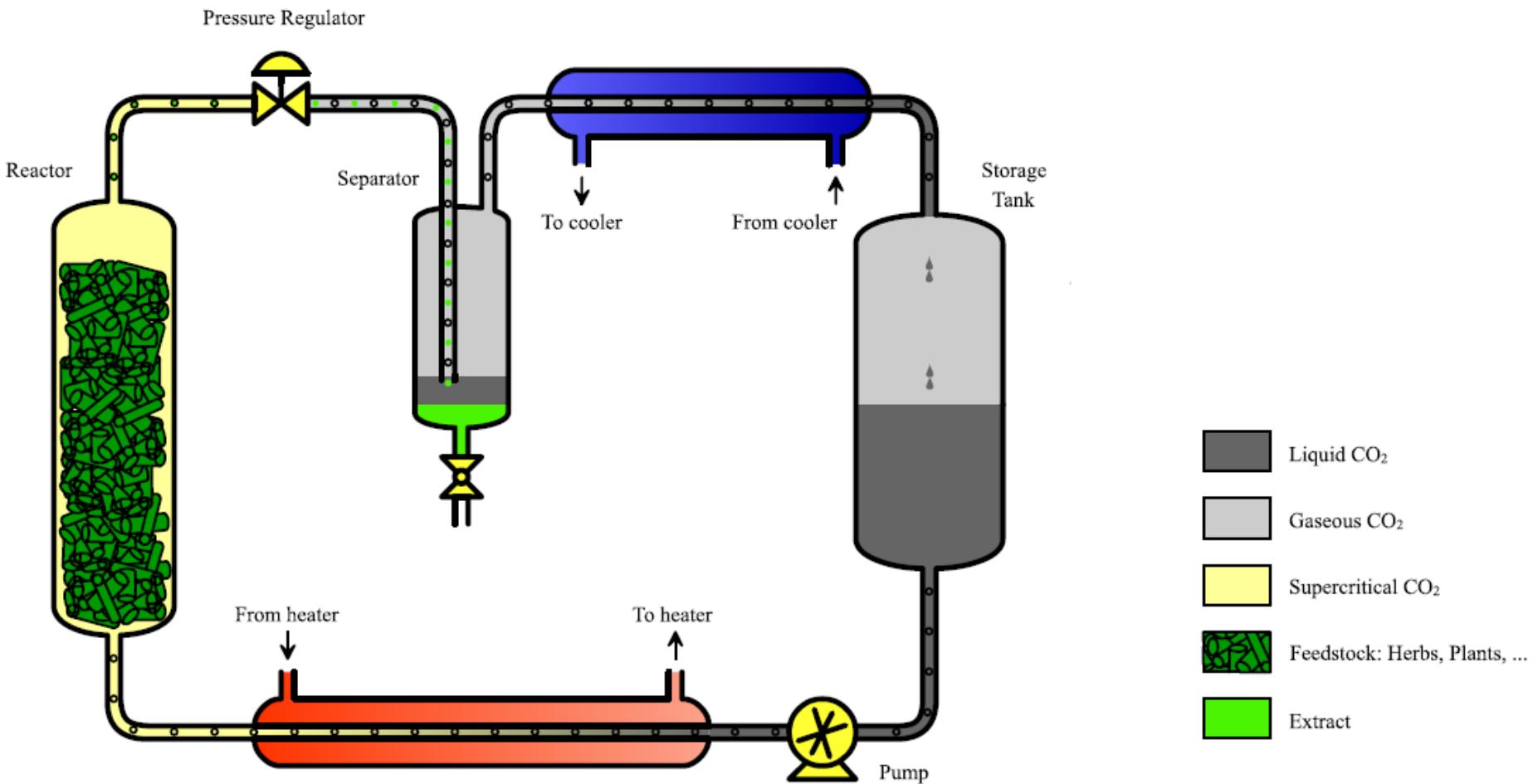
Ácidos grasos polinsaturados

Supercritical Fluid Extraction

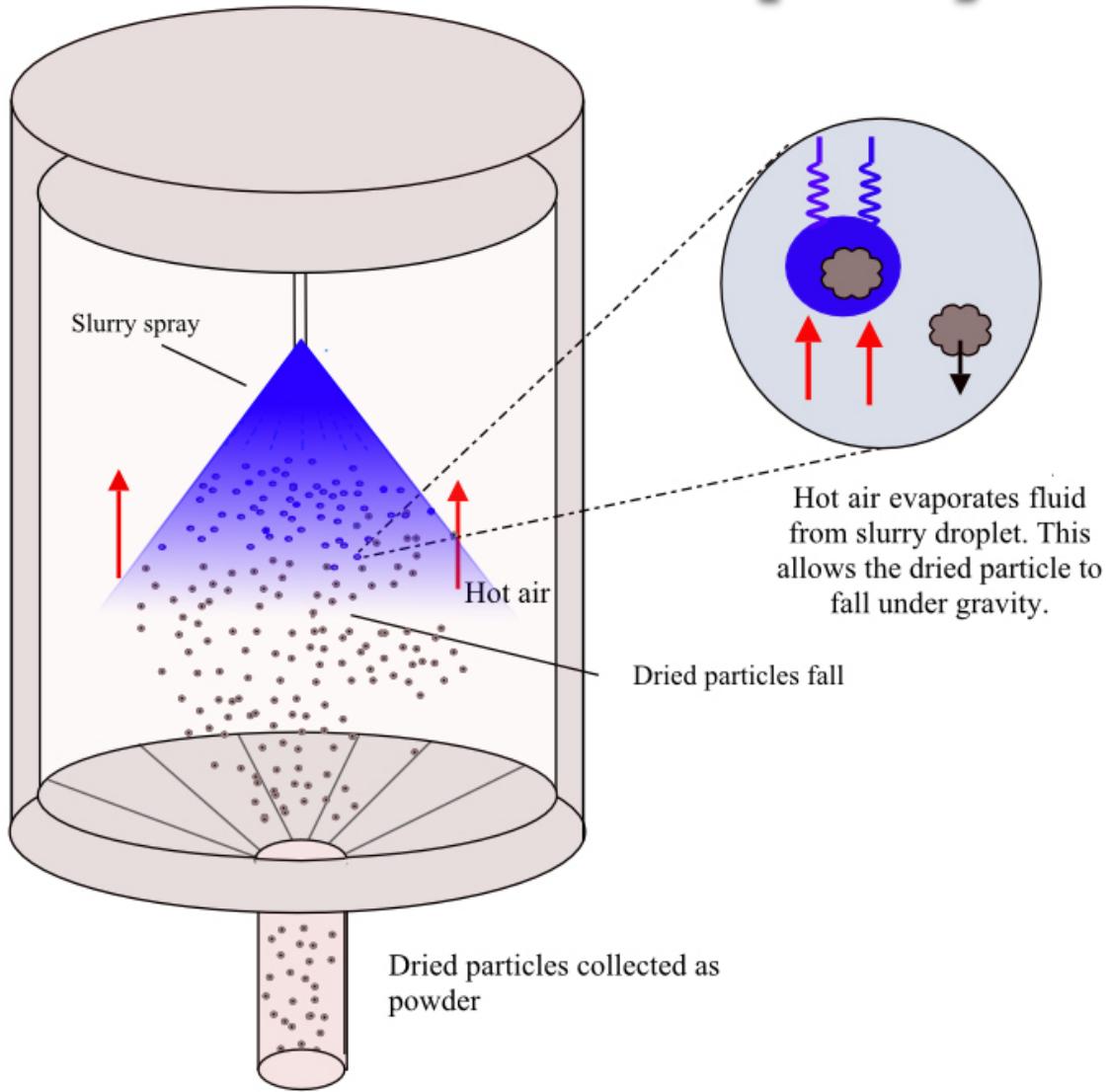


Phase changes in carbon dioxide





Spray drying



Encapsulamiento

Controlled release

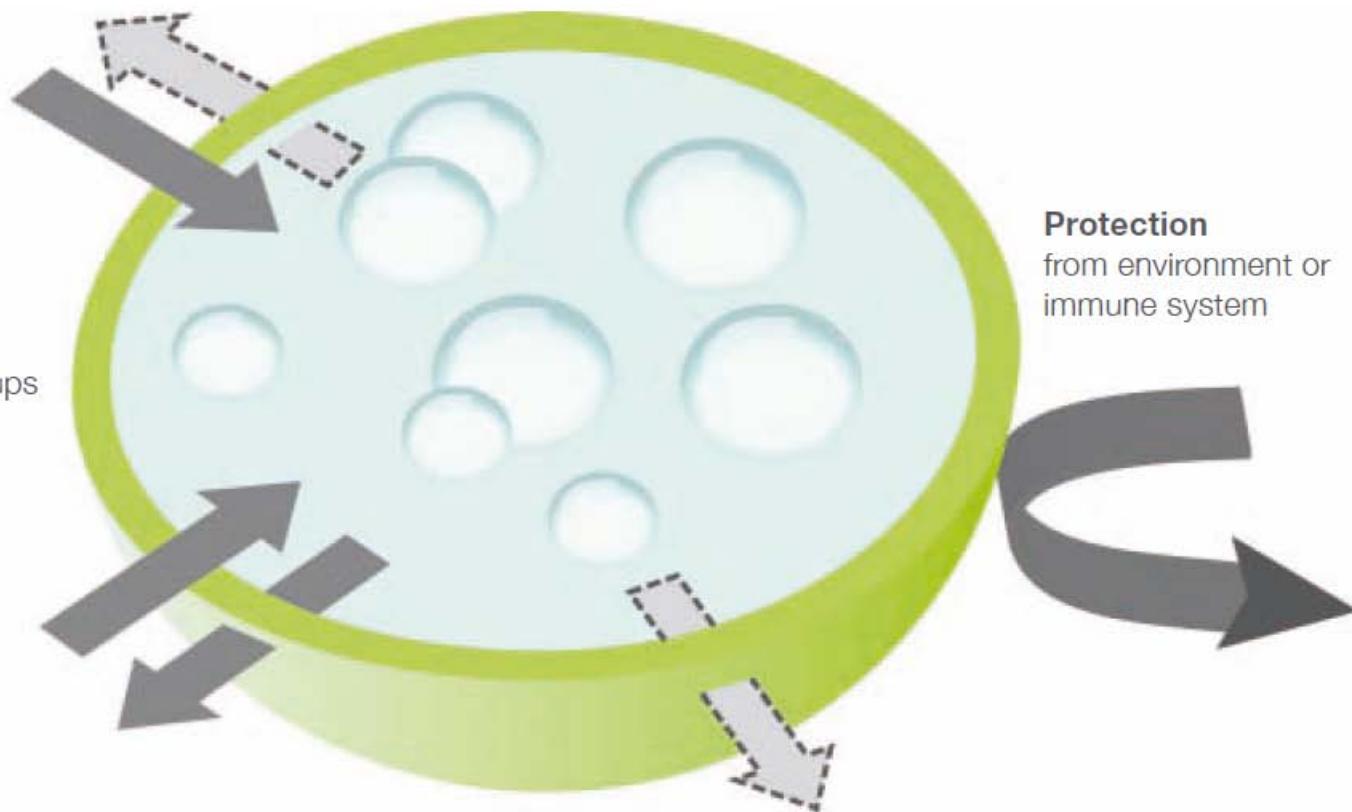
therapeutic window for drugs,
triggered release for flavors

Stability

against shear forces
in a bioreactor

Coating

with functional groups



Immobilization

enzymes for biotransformation

Dosage and storage

improved handling, safety
for consumers



Eskerrik asko!