

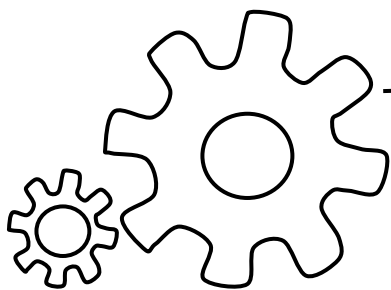
University of Salerno, ITALY

Academic spin-off

Eng4Life



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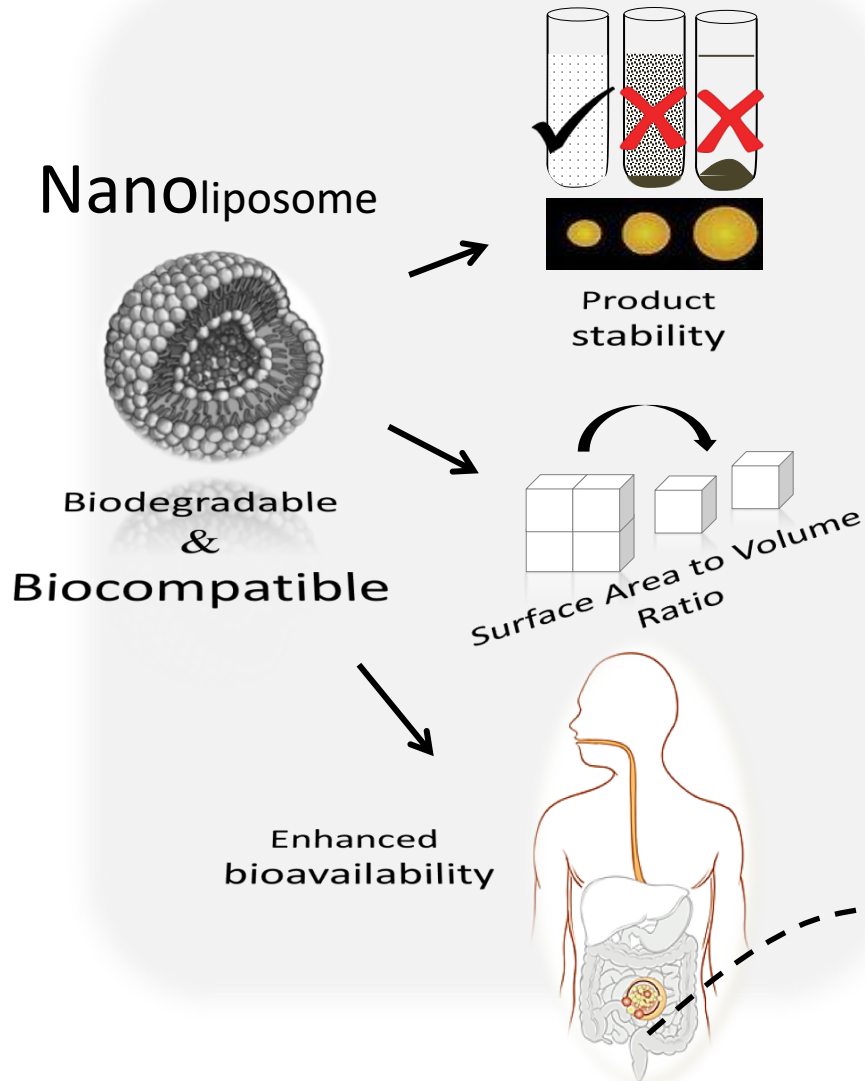
main goal

industrialization of technological
solutions based on engineering methods
applied to typical problems of life
sciences (pharmaceutical, nutraceutical
and biomedical).

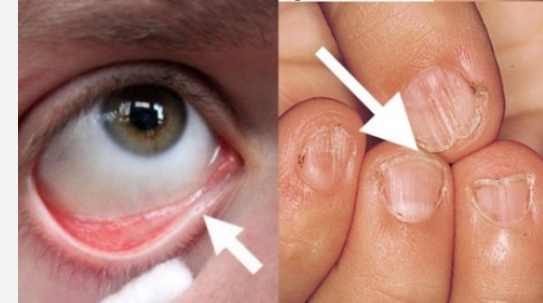


www.eng4life.it

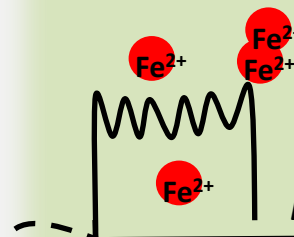
Industrialization of a novel technique developed to produce highly bioavailable iron-encapsulating nanoliposomal vectors through continuous manufacturing



Iron deficiency ANEMIA



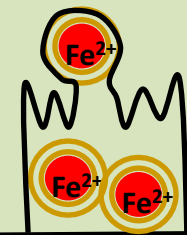
Naked iron



- poorly absorbed
- rapidly metabolized
- rapidly oxidized
- unpleasant taste



Iron in nanoliposomes



- enhanced bioavailability
- prolonged half-life
- prevented oxidation
- masked taste



Conventional vs innovative

CONVENTIONAL PROCESSES



- ✓ High energy consumption
- ✓ Massive use of solvents
- ✓ Long preparation times



OUR TECHNOLOGY

