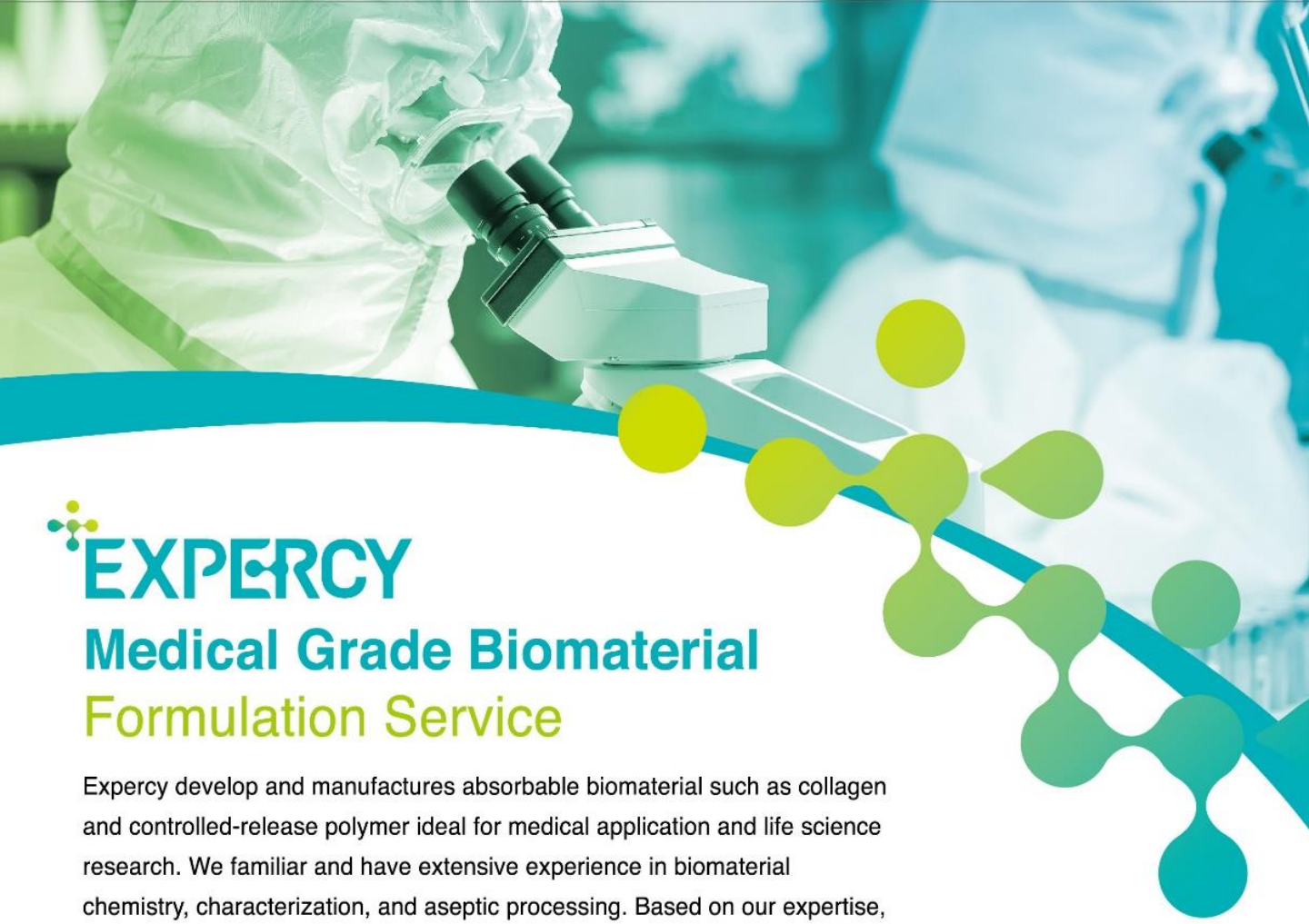

EXPERCY

Medical Grade Biomaterial Formulation Service

Expercy develop and manufactures absorbable biomaterial such as collagen and controlled-release polymer ideal for medical application and life science research. We familiar and have extensive experience in biomaterial chemistry, characterization, and aseptic processing. Based on our expertise, we cooperate with our customer to co-develop formulations, components, and finished products.

Application of absorbable biomaterial include, but not limited to:

- Localization drug delivery
- Tissue engineering
- Regenerative medicine
- Wound healing
- Medical device coating
- Cell culture

Why choose Expercy?

Formulated product according to your requirement

In compliance with ISO10993 and works towards GMP principles

State-of-the-art manufacturing facilities comply with ISO 14644-1 clean room standard

ISO Class 5 open RABs system

EXPERCY

μCapsul™ controlled-release polymer

μCapsul™ is a bioabsorbable copolymer consist of mPEG and poly(lactide-co-glycolide) with temperature reversible sol-gel transition ability. This unique thermoreversible feature allows μCapsul™ become an excellent controlled-release polymer.

- 100% synthetic, pathogen free
- Temperature reversible sol-gel transition
- Reservoir-based drug delivery system
- Excellent biocompatibility and biodegradability
- FDA MAF registration: MAF 3119

Specification:

Concentration	Endotoxin LAL	Heavy Metals
15±1 %	< 0.5 EU/mL	≤ 10 ppm

Porcine Collagen Type 1

Expercy provide Type I collagen purified from porcine tendon. Comparing with collagen from other resources, this kind of collagen has advantages in high mechanical strength, high purity, high stability, low toxin, low irritation, etc., which make it one of the best collagen products for medical application.

- Source from Specific Pathogen-Free (SPF) porcine
- High mechanical strength
- High purity and lot-to-lot consistency
- FDA MAF registration: MAF3389

Specification:

Purity	Endotoxin LAL	pH
>95%	< 0.5 EU/mL	2.0 - 4.0

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