

SYMATESE

Company Overview

SYMATEse



ORGANIZATION LEGAL STRUCTURES

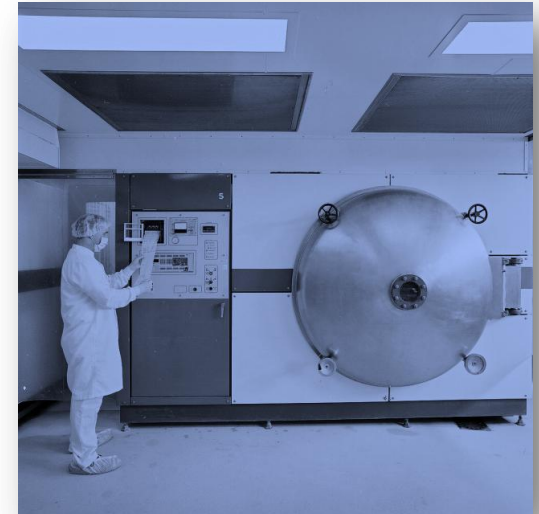
SYMATESe

Legal form

- SAS Status of a pharmaceutical firm
- French company located at Chaponost

Business

- Extraction and transformation of biomaterials for cosmetic, medical and pharmaceutical use.
- Collagen matrices supply for tissue engineering (skin models for toxicological and pharmacological evaluation)



Organization

- more than 50 people
- R&D supported by a multidisciplinary team (25% work force): Doctors, Engineers, Pharmacist and Technicians

Team

Eric PEROUSE - Chairman

Blandine BUSSAC - Head Pharmacist and Plant manager

Laurent BRONES - Business development Manager

Jean-Paul GERARDIN - General Manager

Benjamin HERBAGE - Scientific and industrial Manager

Sébastien LAPIERRE - Chargé d'Affaires

QUALITY ORGANIZATION

SYMATESE

SYMATESE is organized according to :

French GMP

As Pharmaceutical status of SYMATESE's facility

Public health code

ISO 9001 et NF EN ISO 13485

QSR Quality System Regulation (21CFR part 820)

GMP Implementation Planning

Capacity to supply worldwide medical market



More than
4,5 millions
patients treated
per year

SYMATESE is a **SPECIALIST OF
BIOPOLYMERS EXTRACTION
AND TRANSFORMATION** for
medical, pharmaceutical
& cosmetic applications

*Bovine, porcine Collagen type I,
collagen type II and IV, alginate,
hyaluronic acid, chitosan, cellulose...*

More than
140 000 scaffolds
for cells culture
used for in vitro
testing

R&D : SYMATESE's Tools box

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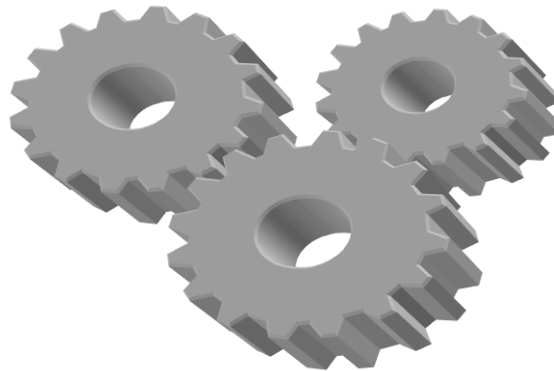
From the need

Raw materials

- Collagen type I
- Collagen type II
- Collagen type IV
- Acid hyaluronic,
- Alginate
- hydroxyapatite
- Chitosane
- Cellulose
- Agarose
- Glycoaminoglycans
- ...

Active ingredients

- Drugs
- Peptides
- Anti-oxydants



Technologies and Know how

- Freeze drying
- Cross-linking
- Coatings, films
- Control of 3D structures
- Chemical transformation of biopolymers
- Active incorporation/grafting
- Aseptic processing
- ...

- Good manufacturing practices
- Project management

To innovative product

SYMATESE's presence on the Medical market

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Surgery or medical applications	SYMATESE products
Vascular surgery	Coating solution for vascular prosthesis
Visceral surgery	Coating solution for parietal prosthesis, anti-adhesion film
Orthopedic surgery	Bone substitute (Collapat II®), matrix for cartilage engineering
Burns and dermal reconstruction	New Bi layered dermal regeneration matrix
Dental surgery	Bone substitute, and haemostatic sponges
General surgery	haemostatic sponges (Hemotese®)
Haemodialysis	Compressive haemostatic sponges
Aesthetic surgery	Wrinkles filling

SYMATESE's presence on the in vitro market

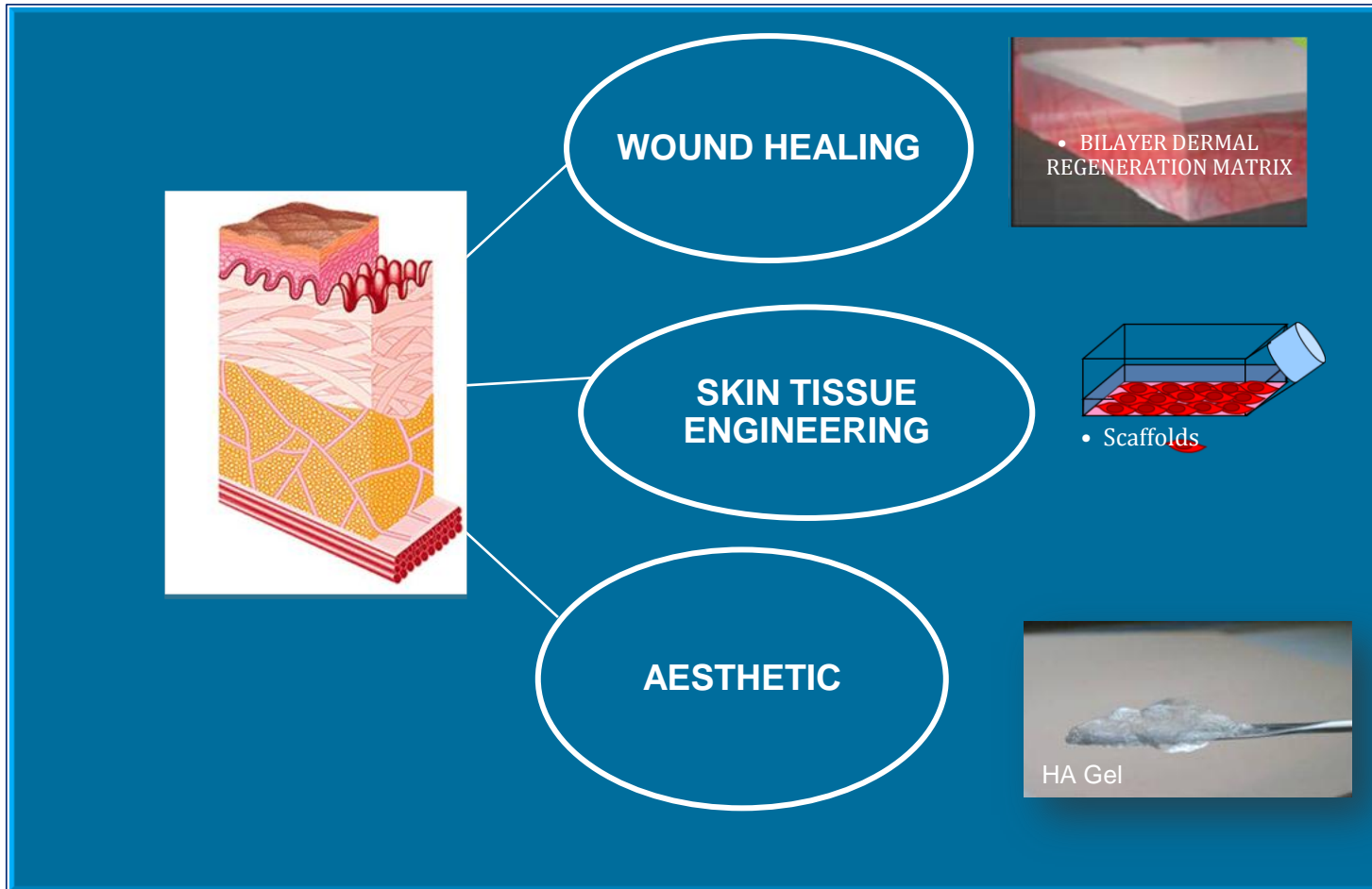
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In vitro applications	SYMATESE products
Epidermal reconstruction for in vitro testing	Composite collagen membrane
Skin reconstruction for in vitro testing	Acid soluble collagen, 3D collagen scaffolds
Purified products for in vitro uses	Collagen type I, II, and IV Acid soluble collagen, fibrillar collagen, chitosan



The **SKIN** is one of the main domain of research

SYMATESE



Merci

Sébastien LAPIERRE | SYMATESE
Chargé d'Affaires

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