

HTL is the world leader in the development and sustainable production of pharmaceutical grade biopolymers, used to develop life-changing treatments for millions of patients worldwide.





**30 years**  
of expertise

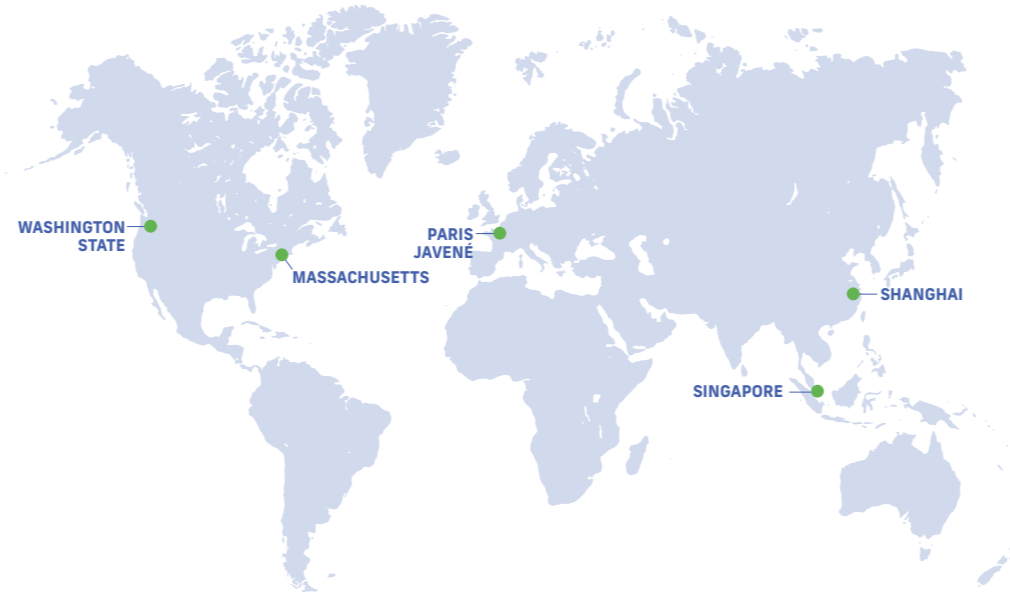


More than  
**100**  
clients

In  
**30**  
countries



**400 million+**  
syringes containing  
HTL's Hyaluronic Acid have been  
safely used since 2006



**Meet us**

**Headquarters  
and industrial site:**  
7 Rue Alfred Kastler  
ZI de l'Aumallerie  
35133 Javené, France



[htlbiotech.com](http://htlbiotech.com)

**Contact us**

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[contact@htlbiotech.com](mailto:contact@htlbiotech.com)

**Follow us**



## WE ARE COMMITTED TOWARD SUSTAINABILITY



2023  
Gold medal  
Top  
**5%**



Our Environmental  
Management  
System is  
ISO 14001:2015.  
compliant.

WATER REDUCTION  
RATE 2023

**-10%**

per Kilo of HA produced  
(vs 2022)

REDUCTION RATE GHG  
CONSUMPTION 2023

**-15%**

per kilo of HA produced  
(vs 2022)

Ensuring global  
product quality  
through successful  
regulatory inspections



www.htlbiotech.com - Credit photo: Adobe Stock - Istock - HTL - Charles Crifé

# PHARMACEUTICAL GRADE HYALURONIC ACID & BIOPOLYMERS

FOR PREMIUM MEDICAL PRODUCTS

**BEYOND, TOGETHER.**

# OUR OFFER – Biopolymer platform

## CO-DEVELOPMENT

Contract development and manufacturing activities based on clients needs

## BIOPOLYMERS IN DEVELOPMENT

### Heparosan

- A new Glycosaminoglycan opening new doors.
- Sole producer of high molecular weight Heparosan by bio-fermentation.

## COMMERCIAL RANGE

### Hyaluronic Acid

### Sodium DNA & PDRN/PN

- 45 years track record in DNA production.
- Providing DNA for both topical and injectable applications, with a very low level of impurities.

**#1** GLOBAL PROVIDER OF PHARMA-GRADE **HYALURONIC ACID** BY BIOPRODUCTION



### THE WIDEST HA OFFER

From very low to very high :

- **Molecular Weight :**  
From 50kDa up to 4.5 MDa  
Under development : 5kDa to 50kDa
- **Intrinsic Viscosity :**  
From 0.2 to 3.8m<sup>3</sup>/kg

### PREMIUM FIBER FORM

- Easier to use than HA powder
- Very low level of impurities
- Efficient dissolution
- Dust-free
- No electrostaticity

### FLEXIBLE SUPPLY

- Tailor made products
- Customized packaging
- Supply security
- International shipping

**2** Independent manufacturing plants

## PROVIDING SOLUTIONS FOR



### OPHTHALMOLOGY

- Cataract surgery
- Eye drops



### AESTHETICS

- Dermal filler
- Skin rejuvenation



### RHEUMATOLOGY

- Visco-supplementation



### DERMATOLOGY

- Wound healing



### UROLOGY

- Urinary incontinence
- Vesicoureteral reflux



## INNOVATION

Going beyond the limits of today's uses of biopolymers to create and co-create medical product breakthroughs

### OUR EXPERTISE

- Developing new biopolymers
- Functionalizing Hyaluronic Acid

### OPEN INNOVATION

- HTL Incubator
- Research partnerships

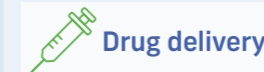
Scaling-up capacity from lab to cGMP industrialization

**1,000 m<sup>2</sup>**  
Laboratories

**700 m<sup>2</sup>**  
Pilot plant

**15%**  
of the workforce

Leveraging our expertise for the benefit of cutting-edge therapeutic modalities



Drug delivery



Microneedles



Regenerative medicine