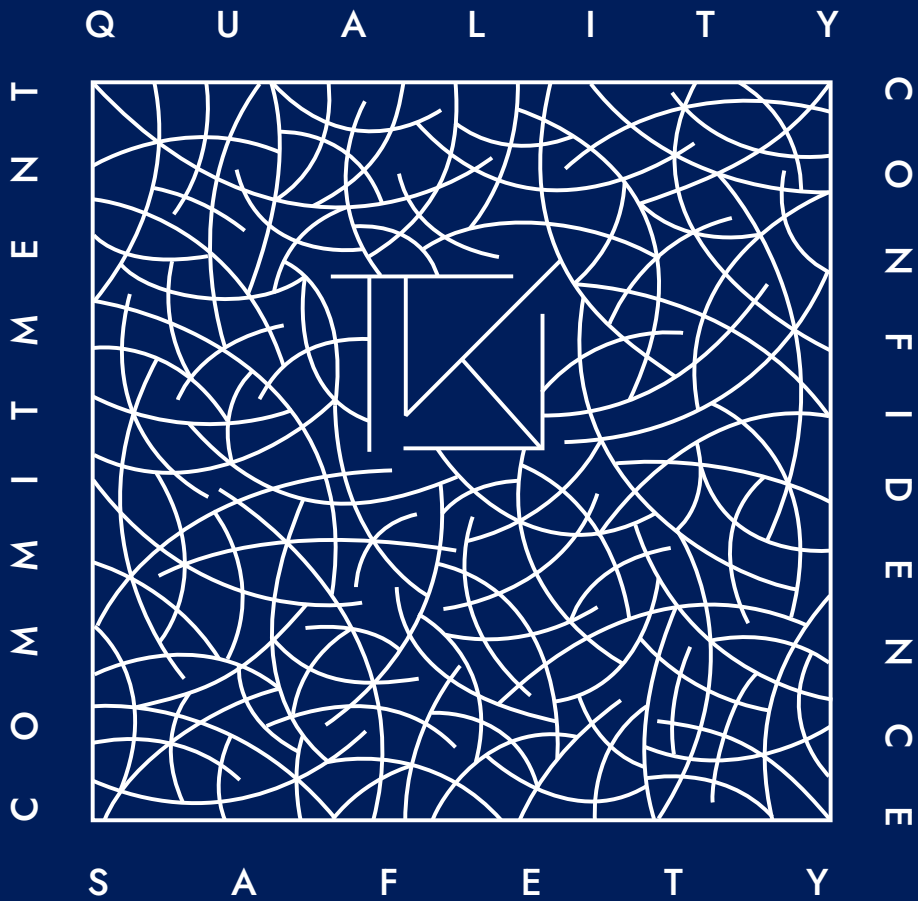




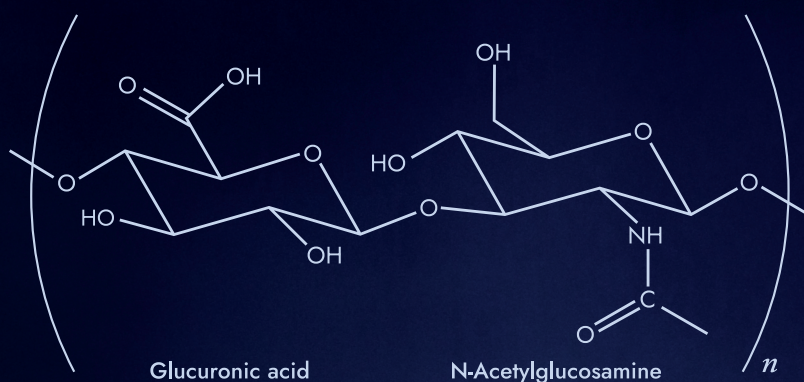
SODIUM HYALURONATE
HYALURONIC ACID

teknolike.fr

SODIUM HYALURONATE

HYALURONIC ACID

Made in France



Sodium Hyaluronate
Fibers

Highly purified
pharmaceutical grade

THE MOLECULE

HISTORY & FACTS

Sodium hyaluronate is the salt form of hyaluronic acid. Hyaluronic acid (HA) is a natural polymer belonging to the glycosaminoglycan family. It consists of repeating units of N-acetylglucosamine and glucuronic acid. The repetition of this basic unit can lead to polymers ranging from 5,000 to 20,000,000Da.

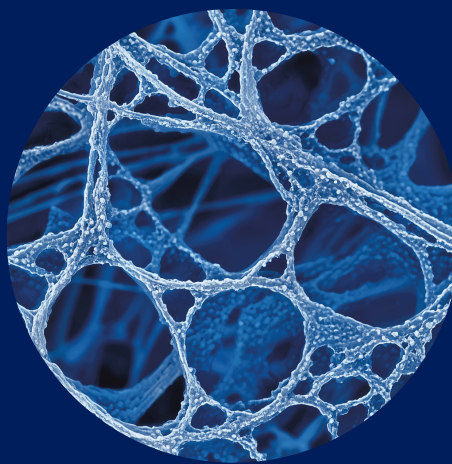
Hyaluronic acid is naturally synthesized and broken down by a large number of organisms, including humans. A person weighing 70kg will have around 15g of HA in joints, skin, eyes, and other organs and tissues. Of this 15g, around 5g is renewed every day. This wide variety of sizes and their physical and chemical characteristics give HA a large number of properties.

Hyaluronic acid was first identified and isolated from the vitreous humor of a cow in 1934 by Karl Meyer and John Palmer. Its name comes from the presence of uronic acid in the molecule. Its chemical structure was then elucidated in the 1950s.

It was first used commercially as an egg white substitute in 1942, before its structure was known, and then clinically in the 1950s as an injectable substitute for the vitreous humor during eye surgery, a use that continues today.

Previous methods of producing hyaluronic acid included extraction from human umbilical cords, bovine synovial fluid, and vitreous humor, and more recently, extraction from rooster combs, which contain a high concentration of hyaluronic acid. This technique is still in use today.

However, growing awareness of the threat of virus transmission between species and contamination by animal proteins has prompted research into other avenues, such as **bacterial fermentation**, particularly with *Streptococcus* species, where hyaluronic acid is produced in the form of a protective capsule.



PARTNER FOR EXCELLENCE

At Teknolike, quality is an attitude: expressed through our products, our teams, and the relationships we build with our customers. Teknolike was founded on the desire to offer **highly purified**, reliable, and safe hyaluronic acid for patients, in order to meet the growing demand from manufacturers in the sector.

With its expertise in viscoelastic products and after several years of laboratory research and development, Teknolike has developed a process for producing hyaluronic acid through bacterial fermentation. Production is carried out using selected raw materials in accordance with **good manufacturing practices** (GMP).

Our wide range of hyaluronic acid is **pharmaceutical grade**, compliant with the European Pharmacopoeia.

Teknolike is constantly seeking new technologies for a variety of applications in the fields of medicine, medical devices, cosmetics, and nutrition. Teknolike is proud to be a trusted **strategic partner**, providing its customers with safe products, technical collaborations, and solutions to meet their specific needs.

We maintain relationships **based on trust** with our partners to shape the future of hyaluronic excellence together.



*A good product is made
with good raw materials!*

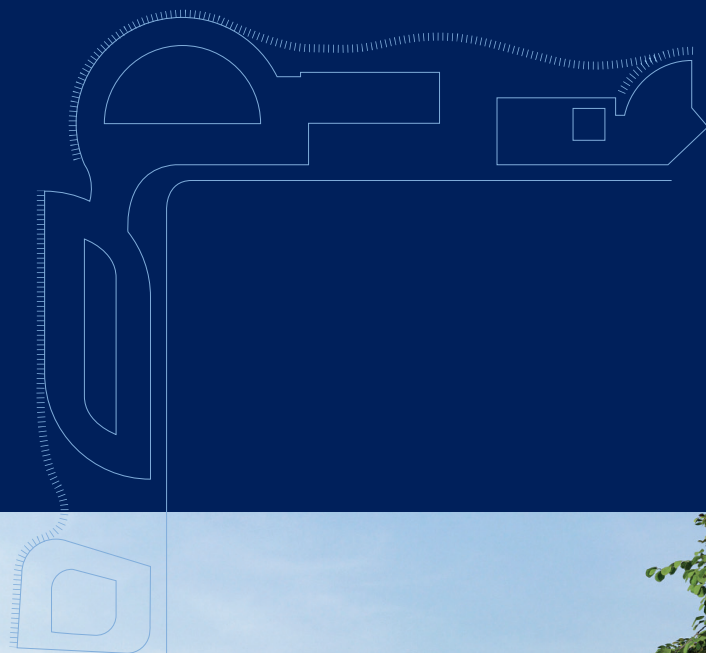
TEKNOLIKE

CAMPUS

Teknolike's industrial site is located in France, within the **Archamps Technopole**. This location, close to Geneva airport, makes us easily accessible to our customers.

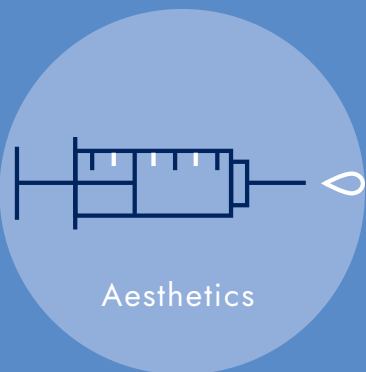
In December 2025, Teknolike will reach a new milestone in its development with the construction of a **15,000m² campus**.

Of this space, **8,000m²** will be devoted to **hyaluronic acid production**, and 7,000m² will be dedicated to innovation and research & development, thus affirming Teknolike's ambition to become a key player in the sector.



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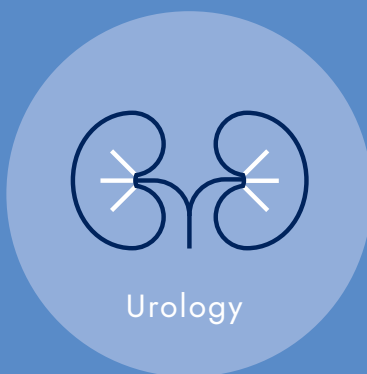
FIELDS OF APPLICATION



Aesthetics



Dermatology



Urology



Gastroenterology



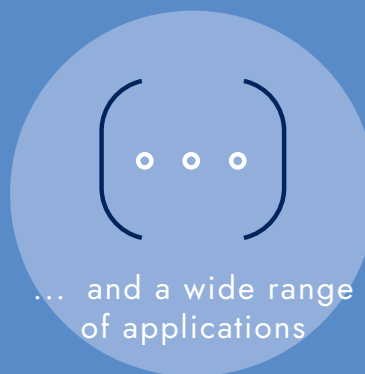
Ophthalmology



Rheumatology



Cosmetics



... and a wide range of applications