BioBridge
Your Innovation Partner,

Nitta Gelatin

From Research To Clinical

Gelatin and Collagen

Connecting
New Biomedical Possibilities

Assist
Bio Delivery Support

Immunotherapy
Antibody medicine
Injection & Controlled release
Virus stabilization
Cell/tissue transportation
Cell/tissue transplantation

Cell & Gene Therapy

Gene therapy
Regenerative medicine
Tissue engineering
(Cell/Tissue/
NeoOrgan culture)

Medical Devices

NeoOrgan
(bone, skin, nerve,
blood vessel)
Bioadhesive
Hemostatic
Embolic
Dental materials

Biocompatibility	*Conformable to the body with less rejection*
Bio-absorbability	*Dissolved and absorbed in the body*
Cell adhesiveness	*Bonds cells with preferable compatibility*

BioBridge
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Philosophy

Over a century of experience
Wide range of user support
Extensive research & development

Global Compliance

Japan：Japan Pharmacopoeia
USA：FDA DMF/MAF registered
China：NMPA registered

Quality and Safety

Integrated manufacturing from ingredient to final products
Full traceability from ingredient to final products Consistent & reliable supply

ALL for NEXT BIOMEDICAL INNOVATIONS

From Research To Clinical

beMatrix®

Gelatin and Collagen

Ultra low & controlled endotoxin
Virus inactivation process (ISO 22442-3)
Documented traceability up to the farm (ISO 22442-2)
IPEC-GMP standard

Translational research

Virus Stabilization

Stability of enveloped and nonenveloped viruses in hydrolyzed gelatin liquid formulation

DOI: 10.1186/s12985-022-01819-w

Local Injection

Backflow reduction in local injection therapy with gelatin formulations

DOI: 10.1080/10717544.2024.2329100

iPS Clinical Study

The first clinical study of iPS cell-derived tissue transplantation for age-related macular degeneration

DOI: 10.1016/j.stemcr.2013.12.007

Leak & Survivability Control

Investigation of the effectiveness of gelatin hydrolysate in human iPS-RPE cell suspension transplantation

DOI: 10.1016/j.reth.2023.12.016

Organoid Culture

The first clinical study to culture transplant therapeutic organoids in patients with ulcerative colitis

DOI: 10.1159/000527423

DOI: 10.1016/j.reth.2019.11.004

Collagen Microfibers

Microfibers with a nanostructure similar to collagen fibers that can be used for artificial tendons

DOI: 10.1088/1748-605X/ad49f6

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Products & Services

LinkedIn