

# Recombinant collagen platform for life sciences

Fermentation-based and non-animal derived

Vecollan®



## A COLLAGEN BREAKTHROUGH THAT IS SAFE, HIGHLY SOLUBLE AND FULLY SCALABLE

How VECOLLAN® will enhance your medical, pharma, cell culture, tissue and other biofabrication applications



### Non-animal derived

A fermentation-based recombinant collagen platform that is highly sustainable and addresses future regulatory and safety requirements



### Optimal safety with no risk of pathogenic transmission

Designed to prevent transmission of diseases or pathogens and be fully biocompatible with no adverse immunogenic, allergic or inflammatory reactions



### Triple-helix structure and highly soluble

The structure and solubility at physiological pH to mimic natural collagen for enhanced cell adhesion and rapid absorption or remodeling in the body



### High purity process for batch-to-batch reproducibility

Manufacturing process occurs under precisely-defined conditions to create collagen with an high level of purity that is reproducible at commercial scale



### Easily processible into several shapes and forms

Available in powders or solutions, and processible into forms such, fibers, coatings, microparticles sponges as well as hydrogels with several cross-linking technologies



### Designed for use with a range of processing technologies

A range of process technologies are designed for use including lyophilization, surface coatings, 3D bioprinting, electrospinning and microencapsulation

## EVONIK IS A LEADING GLOBAL DEVELOPMENT PARTNER AND SOLUTIONS PROVIDER



**CMO for  
biomaterials & APIs**



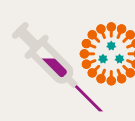
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opment & fermentation**



**Biomaterials &  
functional excipients**



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**Evonik Operations GmbH**  
Health Care Business Line  
Medical Devices Solutions

Kirschenallee | 64293 Darmstadt  
Germany

Phone +49 6151 18-4019  
Fax +49 6151 18-3520

healthcare@evonik.com  
www.evonik.com/healthcare