



**Sponsoring Brochure**

**An ETH Zurich  
Focus Project**

Mechanotherapeutic Wound Dressings

# A student-led research project.

## The Team

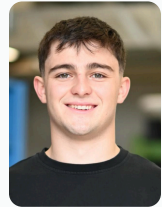
Dynova will consist of 10 ETH Zurich engineering students.\* What unites them is a passion for exploration and a deep interest in medical technology.

Notably, **Dynova** is one of the very few Focus Projects initiated entirely by students rather than by the supervising laboratory itself.

\*The student application phase is currently ongoing.



Nils Serck-Hanssen



Leon Linsi

Project Initiators

Bachelor Students  
D-MAVT

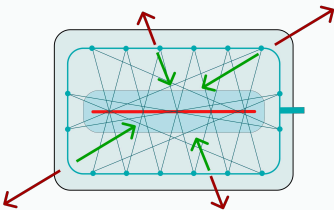
## What is a Focus Project?

At ETH Zurich, third-year Bachelor's students from D-MAVT, D-ITET, and D-HEST can apply for a Focus Project. This unique framework allows them to apply their theoretical knowledge to a real-world problem by developing a fully functional, innovative prototype over the course of one academic year.

# Our Mission

## Relevance

Over 300 million people worldwide suffer from chronic or acute wounds requiring medical treatment.



Conceptual visualization of mechanical offloading on a linear incision wound to minimize scar formation.

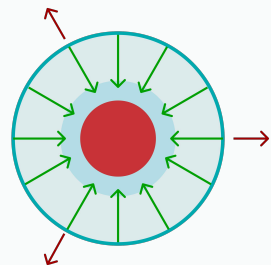
## Vision

Dynova aims to leverage mechanotherapy for dermal wound healing by developing an innovative prototype of a mechanically active dressing.

This dressing uses real-time sensing and a closed-loop system to create the ideal mechanical environment for healing.

## Innovation & Education

Dynova represents more than just a promising innovation in the field of wound healing. For the students involved, it is an incredible opportunity to apply the theoretical knowledge gained at ETH Zurich within an interdisciplinary team, while experiencing an entire product development cycle.



Conceptual visualization of radial wound contraction to accelerate healing and minimize complications.

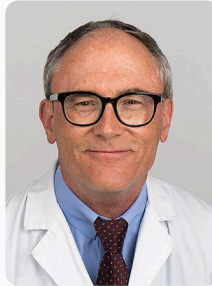
# Our Partners



**Prof. Dr.  
Edoardo Mazza**

Project Supervisor

ETH Zürich  
Experimental  
Continuum  
Mechanics Lab



**Prof. Dr. med.  
Jürg Hafner**

Medical Expert

USZ  
Department of  
Dermatology



**Prof. Dr. med.  
Dieter Mayer**

Medical Expert

USZ  
Department of  
Dermatology

## In Collaboration with:

# Your Opportunity

Support Dynova in achieving its ambitious goals and take a step toward **advancing wound healing**.

Partner with us before our September 14 kickoff and become a **Day-One Sponsor** by contributing expertise, resources, or financial backing.

Focus Projects demand **exceptional dedication**. By supporting Dynova, you gain access to some of the most motivated engineering students at ETH Zurich.

**Let's get in touch** to discuss how Dynova can add value to your organization in return for your generous support.