



## Monthly Newsletter

Stay Connected with Our Progress

### Article Publication - Biomimetics

Our partners from the University of Patras have achieved a remarkable milestone by successfully publishing their research article, *Cytocompatibility Study of Stainless Steel 316L Against Differentiated SH-SY5Y Cells*, in *Biomimetics*, a highly relevant journal in the field. Their study focuses on the cytocompatibility of uncoated stainless steel 316L with neuronal cells, a crucial aspect for the development of implants interfacing with the nervous system. The findings suggest that SS 316L supports neuronal adhesion, growth, and differentiation, reinforcing its potential for biomimetic applications in neuroprosthetics and implantable medical devices.

[Read the full article](#)

### Blog post Section

We are excited to introduce our new blogpost section, where we will explore key research topics related to neuroprosthetics and rehabilitation technologies. Our first post highlights insights from the article *Rehabilitation robots for the treatment of sensorimotor deficits: A neurophysiological perspective*. The study emphasizes the role of neurophysiological principles in designing rehabilitation robots, ensuring they support natural motor recovery after CNS damage. By integrating adaptive control systems and continuous monitoring, these technologies have the potential to enhance rehabilitation outcomes and complement conventional therapies.

[Read the blog post](#)

### Euronews Report

NerveRepack was recently featured in a Euronews report, part of their series on technological innovations in medicine and science.

The interview, recorded during MedFEST, presented our work on neural interfaces and the development of neuroprosthetics — showing how advanced research is driving medical progress.



[Watch the full report](#)

### Upcoming Consortium Meeting in Norway

The next NerveRepack consortium meeting will take place on June 16-17, 2025, at the University of South-Eastern Norway, Campus Vestfold. This meeting will provide an opportunity for partners to discuss project advancements and future directions. Participants will also have the chance to visit the USN MST laboratories, part of Norway's Micro- and Nanofabrication infrastructure, as well as Zimmer & Peacock. The final agenda will be shared in due course.



Strada Eroiu Iancu Nicolae 126A, 077190  
Voluntari, Romania  
nerverepack\_contact@imt.ro



Project Coordinator  
Carmen Moldovan  
IMT Bucharest

This email was created with [Wix](#). [Discover More](#)