

## Press Release

# Activoris to sponsor Senior Design Project at Florida International University

Students at the Department of Biomedical Engineering to work on a medical device innovation

Gemünden, Germany and Miami, Florida July 05, 2021 - Activoris Medizintechnik GmbH today announced the sponsorship of a development project with the department of Biomedical Engineering at Florida International University in Miami.

In this capstone project, a team of master students will learn and practice medical device development skills. Their aim is to develop a prototype device for Lyme disease prophylaxis. Over two semesters, a five-member team will now take care of market and customer needs, design drafts, product tests, but will also have to take care of the latest regulatory requirements and standards.

Lyme disease is caused by bites from infected ticks, and to date there are only few treatment options. And, unlike TBE, which is also transmitted by ticks, there is no vaccination.



*The students of "Team 4" and their mentor: Ricardo Cabezas, Alexander Trinidad, Dr. Joshua Hutcheson, Carolina Guillen, Daniel Peno (absent: Anastasiya Drandarov)*

Axel Fischer, founder and CEO of Activoris: "The FIU students approached us directly and asked for a development task. Of course, we were immediately on board. Collaborations between science and industry have positive effects for both sides.


We are happy that the project task of our portfolio company SilviMed GmbH fits nicely to the University's requirements, and we believe that the prospective engineers will do a professional job. Importantly, the students not only complete a theoretical project, but we expect concrete positive effects for the further development of the planned product."

#### **About Activoris Medizintechnik GmbH**

 **ACTIVORIS**  
Medical.Technology.Innovations.


Activoris Medizintechnik GmbH in Gemünden, Germany is a service company for contract manufacturing, medtech development and strategic consulting for companies in the life science and pharmaceutical industry. Clients are established companies as well as innovative startups from the biotech, medtech and pharma industry. Activoris' outsourcing services enable them to achieve greater flexibility, cost efficiency and faster market access. Activoris operates locations in Gemünden (Wohra), Munich and Schwalmstadt. Axel Fischer, +49 (0) 6453.58535.10, [axel.fischer@activoris.com](mailto:axel.fischer@activoris.com).

#### **About the Department of Biomedical Engineering at FIU**

 **FIU** | **Biomedical Engineering**  
FLORIDA INTERNATIONAL UNIVERSITY

Florida International University's Biomedical Engineering (BME) Department is one of eleven in the State University System (SUS) of Florida with the full slate (BS, MS, PhD) of programs in biomedical engineering. The department is endowed with \$11 million from the Wallace H. Coulter Foundation, the Ware Foundation and the State of Florida. One of the strengths of the growing BME department is its close relationship with FIU's Herbert Wertheim College of Medicine, the Brain Institute at the Miami Children's Hospital, and the many biomedical companies in South Florida. The department has also been recognized and ranked among the top 50 schools providing the best value to students. [www.bme.fiu.edu](http://www.bme.fiu.edu).

#### **About SilviMed GmbH**

 **SilviMED**  
INNOVATIVE SILVER ION TREATMENTS

SilivMed GmbH is a startup project founded by a group of physicians, engineers and entrepreneurs. Silvimed develops and holds intellectual property in the field of innovative silver ion treatments for different medical conditions. The privately held company is operated by Activoris. Axel Fischer, +49 (0) 6453.58535.10, [info@silvimed.com](mailto:info@silvimed.com)