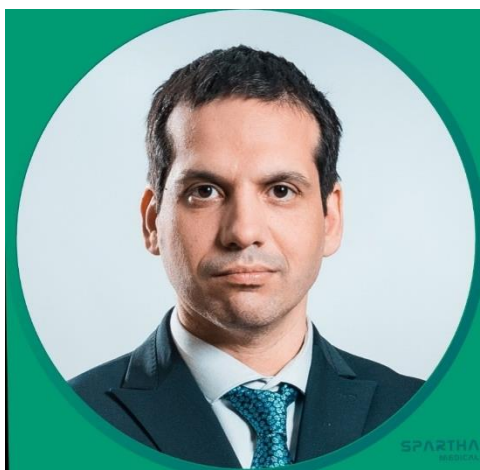




## Seminars in Biotechnology BTEC 591 & BTEC 691

### **“Modulating the microenvironment of Implants”**



**Dr. Nihal Engin VRANA**

**Tuesday, November 14, 2023**

**13:30**

**Biotechnology Institute Amphitheatre-1**

*Dr. Nihal Engin Vrana is the CEO of SPARTHA Medical, a Strasbourg-based biotech company specialising in antibacterial formulations.*

*The company includes service offers: Spartha|Shield, including specific testings in laboratory tailored to any product and its intended use. Spartha|Shield+, dedicated to collaborative co-development opportunities.*

Dr. Vrana earned a Ph.D. as a Marie Curie fellow from Dublin City University and conducted post-doctoral research at INSERM and Harvard-MIT.

During his career, he served as Vice President (Scientific Affairs) at a French biomedical firm, contributing to the world's first functional artificial larynx. He's coordinated EU projects spanning 12 countries and 17 partners. Presently, he leads the Horizon Europe NOVA project and upcoming Toxbox initiatives.

SPARTHA Medical gained recognition in the BPI i-Lab innovation competition and joined the European Innovation Council's acceleration programme (SPARTHACUS). Dr. Vrana's extensive academic contributions include 150+ peer-reviewed articles, six patents, and three edited books.

His research encompasses surface treatments, implant coatings, multifunctional coatings, immunomodulation, immune response, and tissue models.

Aside from his scientific work, Dr. Vrana is an active science fiction author.