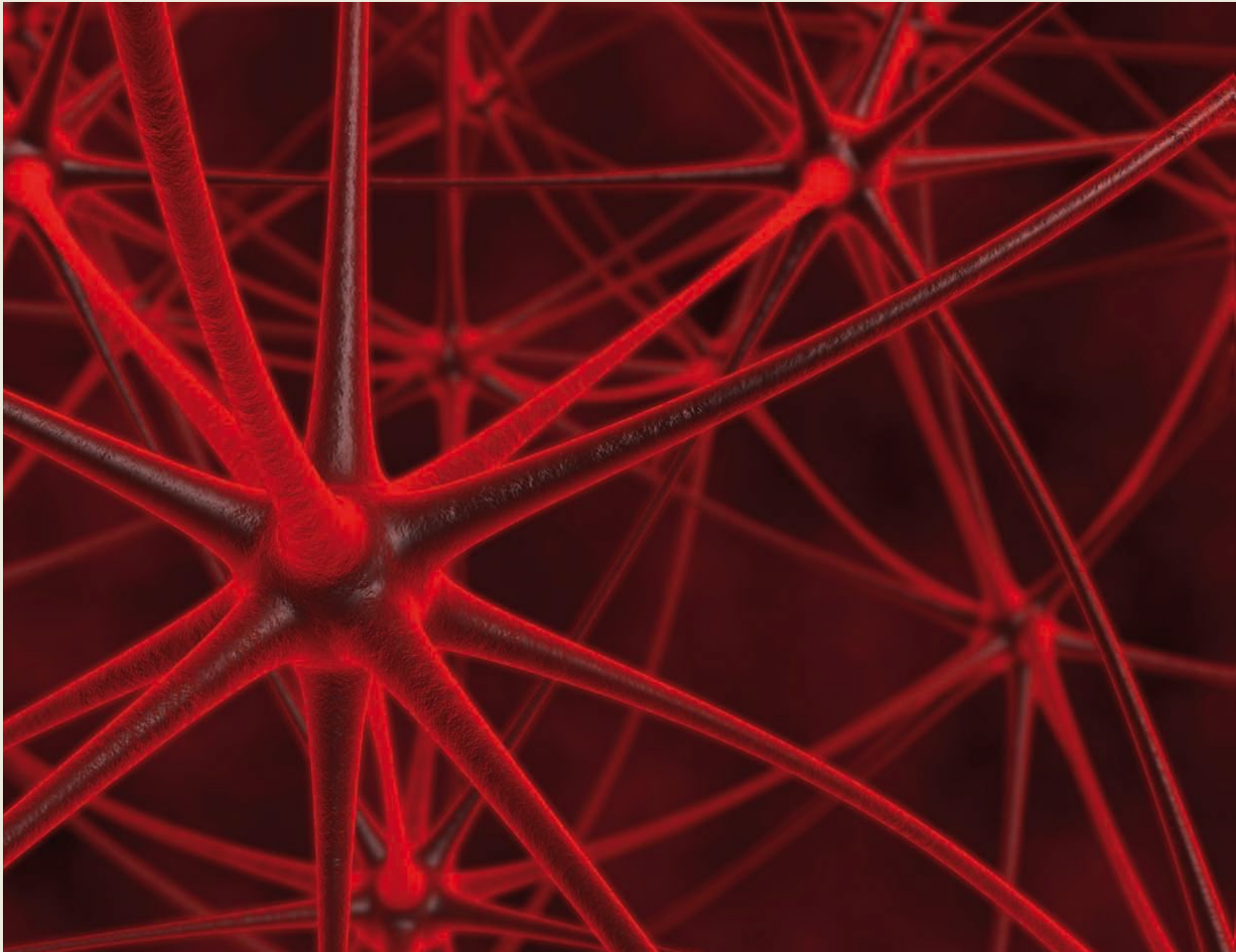


**BIO FACTORY®**



The novel Bio Factory® sold by the company Delta robotics GmbH in Biel addresses the unmet needs of bioengineering research and development by providing a technology platform to create biological micro environments based on composite bioactive materials like biomimetic hydrogels, cells, proteins and mineral loaded pastes by generating well defined outer forms and open inner architectures.



It offers a broad range of potential applications in the fields of:

- Modular tissue assembly
- Drug discovery
- Drug toxicity analysis
- Solid scaffold based tissue engineering
- Complex in vitro models of human diseases
- Automated tissue-based in vitro assays for clinical diagnostics

The proprietary technology is currently exploited by the company to overcome the inherent shortcomings of today's medical treatments in bone regeneration by offering a synthetic treated substrate. These implants result in faster osteogenic response (bone growth) due to rapid vascularisation.