



Internship project

Eindhoven, The Netherlands

Our R&D team in Eindhoven has an internship position open for an enthusiastic engineering student with an adventurous mind and a practical approach towards overcoming translational hurdles. Willing to work in a dynamic research environment, and intrinsically motivated to work in a close-knit multidisciplinary team towards the clinical realization of Xeltis' revolutionary products.

Who are we looking for?

Requirements:

- Background in materials science, mechanical engineering, biomedical engineering, or relevant discipline
- Pragmatic attitude, critical reasoning and well organized with good problem-solving capabilities
- Experience with electrospinning and/or other fabrication methods for biomaterials would be a plus
- Experience with mechanical and physio-chemical characterization of absorbable polymers would be a plus
- Experience with Scanning Electron Microscopy (SEM) and/or characterization methods would be a plus
- Ability to work independently after a short training period
- Passionate about using technical skills for treating patients
- Fluent in English

R&D Intern

As R&D intern, you will be in the core of the Xeltis Research and Development engineering team. This team of approximately 12 engineers are developing an Aortic valve for a Trans-Apical approach, including the required stent and delivery system. We work in small sub-project teams to work most effectively on the diverse tasks.

You will drive and support various key projects, and design / conduct and report R&D studies. In the beginning, you'll be a team member, but if you're willing and capable, you could lead your own sub-project soon! Your specific initial projects will be defined based on company priorities close to your starting date, but could for example include:

- Heart valve testing and failure mode analysis
- Development, improvement and validation of test methods
- Device shelf-life studies (testing / analysis / presentations)
- Data mining / trending / correlation studies

...or whatever hands-on activities our projects require!

Available internship start dates:

- Jan '19
- Apr '19
- Jul '19

The assignment location will be Eindhoven, The Netherlands. The internship period is at least 6 months.

About Xeltis

Xeltis is a clinical-stage medical device company pioneering a restorative approach in heart valve therapy. Xeltis' technology enables natural heart valve restoration.

Xeltis' heart valves enable the patient's own body to naturally restore a heart valve that is defective or no longer works through a new therapeutic approach called Endogenous Tissue Restoration (ETR).

- With ETR, the patient's natural healing system develops tissue that pervades Xeltis' heart valve, forming a new, natural and fully functional valve within it. As ETR occurs, Xeltis implants are gradually absorbed by the body.
- ETR is enabled by the porous structure of Xeltis' heart valves, which are made of bioabsorbable polymers, based on Nobel prize awarded science. RestoreX, Xeltis' new technology platform, is the world's first polymer-based technology designed to enable natural restoration of heart valve function.
- Today, patients with artificial heart valves generally endure repeated replacement procedures and complications from chronic inflammation or take long-term medication with potentially severe side effects.
- Xeltis' novel restorative approach has the potential to improve the lives of hundreds of thousands of patients with cardiovascular conditions requiring heart valve replacements. It also may reduce overall healthcare system costs.

At Xeltis, we recognize that people make a difference. We are a young, dynamic, international team of 20+ professionals dedicated to improving patients' lives through innovation.

Our Company values:

We at Xeltis:

- Innovate to improve patients' lives
- Listen and challenge with respect
- Grow through personal development
- Act like owners for a common goal
- Work with JOY!

For more information and to submit your CV and motivation letter, please contact

- Xeltis HR: recruitment@xeltis.com