

MECHANICAL ENGINEER

Salvia BioElectronics, High Tech Campus 41, Eindhoven, The Netherlands

ABOUT US

Salvia is an innovative and ambitious start-up company active in the emerging field of “BioElectronics” that is inspired by biology and electronics to provide novel therapeutic solutions. The name Salvia is derived from the Latin word *salvere*, which means “to stay healthy”. We are driven to deliver bioelectronic solutions that restore health for people suffering from severe neurologic disorders; our ambition is to make these therapies widely accessible. The Salvia team consists of entrepreneurs, engineers and scientists with diverse professional backgrounds and extensive medical device industry experience (Sapiens, Medtronic, Philips, St Jude, etc.).

WHAT ARE BIOELECTRONICS?

The human body is controlled by patterns of electrical impulses transmitted through nerve fibers. In chronic disease, these patterns are different. Bioelectronics are tiny implantable devices that use mild electrical pulses to influence nerve activity. Electrical stimulation is nothing new - cardiac pacemakers have been used for decades - but scientists are just beginning to realize the possibilities of regulating nerve signals to treat disease.

THE CHALLENGE

We offer an exciting position for a Design and Development Engineer. Working together with the Salvia development team and our external technology partners, you are responsible for the design, development and testing of our highly innovative active implantable medical device system, consisting of implantable and wearables devices. You are able to translate solutions from conceptual phase to new product introduction. Closely collaborating with Salvia’s test and usability engineers and manufacturing partners you take ownership and have a pragmatic approach towards the realization of our advanced medical devices. You enjoy working in a multi-disciplinary start-up environment and have a can-do attitude. You realize that quality is of paramount importance and you are passionate about delivering solutions that truly stand out.

RESPONSIBILITIES

- Closely work with the development team and external suppliers to design active medical devices.
- Perform characterization and testing, test method development, design FMEAs.
- Maintain detailed test and design documentation.
- Liaison with manufacturing partners to ensure design for manufacturing, reliability and cost effectiveness.

YOUR PROFILE

- Pragmatic team player with excellent technical skills.
- BSc or MSc in mechanical engineering or an equivalent discipline.
- Professional experience with 3D CAD design (preferably SolidWorks)
- Broad knowledge of manufacturing technologies. Industry experience is strongly preferred.

CONTACT

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