

DESIGN VERIFICATION ENGINEER

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

ABOUT US

We are Salvia: an innovative startup active in the emerging field of bioelectronics. We derived the name Salvia from the Latin word *salvere*, which means to stay healthy. In addition, the Salvia-plant has been used to treat headaches, pain, and mental disorders over centuries.

Our mission is to deliver bioelectronic solutions that restore health for people suffering from chronic migraine. Salvia is ambitious: we want to provide drug-free solutions that are effective and inherently side-effect free and make our novel solutions widely accessible.

THE CHALLENGE

Are you interested in testing a highly innovative medical device system to ensure it meets requirements and understand the system's failure mechanisms? At Salvia you have the opportunity to contribute to our extensive test program for our medical neurostimulation system, consisting of implantable and wearable devices. Objectively demonstrating safety and performance is the core of your job. You help unravel failure mechanisms and investigate the limits of the system. You ensure compliance to relevant product standards and verification test methods covering the novel technical aspects of the Salvia product. You document objective evidence in order to meet the needs of the FDA and the EU Medical Device Regulation. You will be part of our multi-disciplinary development team and collaborate with our engineers to demonstrate the technical performance of our solution and identify areas for improvement. While maintaining a big-picture overview and oversee multiple technical disciplines, you dive into details and work hands-on. You realize that quality is of paramount importance and you are passionate about delivering solutions that perform, are safe, and comply with all relevant standards.

RESPONSIBILITIES

- Establish objective evidence of safety and performance of Salvia's bioelectronic system:
 - Analyze failure modes.
 - Define verification protocols.
 - Validate test methods and contribute to the development of inhouse test setups.
 - Test products and components and interface with the design engineers to resolve problems.
 - Interface to external test-houses to ensure products comply to relevant standards.
- Collaborate with QA, RA to release the Salvia products to the market.

YOUR PROFILE

- Self-starter, naturally taking ownership.
- Critical thinker, structured and strong analytical skills.
- Strong communicator; team player; solution-oriented; handles complexity.
- Substantial testing experience in a regulated industry, e.g. medical, automotive or aerospace.
- Experience with statistical techniques is a benefit.
- MSc in electrical engineering, physics, mechanical engineering, or another relevant discipline.

CONTACT

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