

# MASTER'S THESIS: NOVEL IMPLANT CONCEPTS

*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-herb 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

In collaboration with the Dutch research institute TNO (also located at the High Tech Campus in Eindhoven), Salvia offers a challenging project for the application of novel materials for next generation implantable medical devices.

## RESPONSIBILITIES

- Realization of novel implant concepts.
- Reliability testing (mechanical, electrical), including accelerated lifetime tests.

## YOUR PROFILE

- MSc or BSc student, physics, material science, biomedical engineering or related discipline.
- Affinity with medical applications and/or cleanroom processes is a plus.
- Available for a 9 months thesis project.
- Proactive, attention to detail.
- Hands-on, yet with a keen eye to detailing underlying processes.
- Excellent communication skills (both oral and written).

## CONTACT

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