

Senior Medical Implant Engineer

Description

Phosphoenix BV seeks an exceptional Senior Medical Implant Engineer with a strong theoretical background, hands-on experience, and can-do attitude.

You will design and develop new probes to record and modulate neuronal activity in the brain, thereby restoring functional vision in blind people. Through extreme miniaturization of probe components, the probe will allow the safe implantation of hundreds to thousands of electrodes and meet CE/FDA standards for medical devices.

Responsibilities

You will:

- Manage a highly ambitious and exciting project with the goal of restoring vision in blind people.
- Carry out mechanical design and development of medical prostheses, including probes made from flexible materials.
- Write design documentation.
- Procure materials, products and equipment.
- Conduct quality control of supplies.
- Manage both in-house and external manufacturing.
- Work closely with engineers and neuroscientists at Phosphoenix and its partners.
- Schedule and communicate production and prototyping activities.

Requirements

- MSc or PhD in biomedical technology, materials science or mechanical engineering.
- Several years of work experience in a technical or bioengineering role.
- 2+ years of project management experience in a high-tech or medical field, in a product-based environment.
- Experience working in multidisciplinary teams.
- Thrive in collaborative team environments as well as independently.
- Exceptional oral and written communication skills.
- Track record in building strong relationships with colleagues and biomedical engineering professionals.
- Demonstrated ability to deal with evolving project constraints in a flexible and constructive manner.
- Ability to rapidly process information, zoom in on key aspects, and maintain meticulous attention to detail while keeping track of the big picture.
- Proven ability to work against tight deadlines.

Desired experience

- Experience with design processes for medical devices.
- Familiarity with regulatory standards for medical devices and QMS.
- Experience with systems engineering tools.

- 5+ years of experience in hands-on development of medical devices.
- Experience in application of systems engineering methods.
- Experience in manufacturing and production processes.
- Demonstrated experience in balancing factors such as device performance, resource exploitation, risks, costs, and time constraints.
- Strong analytical skills.

What you can expect

- The chance to make a real, lasting impact on society via biomedical innovation.
- Competitive salary with benefits.
- Autonomy and unlimited opportunities for professional development.
- Highly driven colleagues who share our vision of developing brain prostheses to improve quality of life for those who need it the most.
- Vibrant, diverse, international team with minimal bureaucracy.
- Opportunity to work with top-tier technology.
- Opportunity to develop groundbreaking technology.
- World-class working environment in the beautiful city of Amsterdam.

Apply

To apply for this position, please send the following to info@phosphoenix.nl in a single PDF file:

- Your contact information (first name, last name, email address, phone number).
- A resume/CV with your educational and employment history.
- A cover letter.

Important

Phosphoenix BV is an Equal Employment Opportunity Employer. All qualified applicants will receive consideration for employment without regards to race, colour, religion, national origin, sexual orientation, gender or gender identity, disability, or any other characteristic protected by law. Employment with Phosphoenix is decided solely based on merit, competence and qualifications.

If you think that you have what it takes but are unsure whether you check all the boxes, we still want to hear from you. For any questions, please reach out to Bert Monna (CEO) at +31(0)653-699-502 or send an enquiry email to bert@phosphoenix.nl.

About Phosphoenix

Phosphoenix is developing a prosthesis to restore rudimentary vision in the blind, by stimulating regions of the brain that are involved in visual perception via a proprietary device consisting of numerous electrodes. Stimulation via a single electrode produces the perception of a dot of light, while stimulation via multiple electrodes generates simple images.

The user of the final product will wear a pair of glasses with a camera, allowing them to see a rudimentary image of their surroundings via electrical stimulation of the brain, increasing their mobility, social interaction, and independence.

Phosphoenix has recently raised pre-seed funding for device development and the creation of a clinical prototype (<https://www.phosphoenix.nl>).

Note to recruitment agencies: Phosphoenix does not accept agency resumes. Please do not forward resumes to our jobs alias, our employees, or any other company location. Phosphoenix is not responsible for any fees related to unsolicited resumes.