



TERAPET

Next Generation Proton Therapy

Electronics/Electrical Engineer

[Terapet SA](#), a Geneva based MedTech start-up, is developing and commercializing innovative solutions for a safer, more precise, and time-saving proton therapy for cancer treatment.

Terapet's novel medical device will, for the first time, enable medical doctors to monitor the delivered proton dose inside the patients during cancer treatment: in-vivo, non-invasively, in 3D and real-time.

We are looking for a motivated and pro-active Electronics/Electrical Engineer to join our small, dynamic, and passionate team.

Role: Electronics/Electrical Engineer
Start date – Duration: Latest 1 Jan 2021 – Permanent – Full-time
Place of work: Campus Biotech Innovation Park, Geneva (Switzerland)
Tasks: <ul style="list-style-type: none">• Development of electronic system solutions for nuclear medical devices, comprising custom sensors, high-speed networking interfaces, FPGA processing, power / bias supply & distribution, fast signal routing, serial interfaces• Multilayer PCB design & development• Assembly and testing of subsystems and final products• System optimization for performance, reliability, manufacturing, and cost• Technical design, development, and documentation in accordance with medical device regulations
Requirements: <ul style="list-style-type: none">• MSc in electrical engineering with at least 3 years working experience• Fluent in English (written/oral)• Strong practical experience with PCB and FPGA design & tools• Experience with analog circuits• Good computer programming and technical writing skills• Ability to troubleshoot complex systems & problem-solving skills• Previous experience within nuclear medical devices (PET, CT, SPECS, MRI..) strongly valued• Industry experience and knowledge of MedTech industry standards strongly valued (ISO13485, ISO14971)

If you want to know more about this job, please contact us on +41 76 466 9139 or +41 76 339 9580.

If you are interested in this job offer, please send your application (including cover letter and CV) to: info@terapet.ch