

En iLoF (www.ilof.tech) estamos buscando incorporar un@ Research Scientist en Biophotonics / Physics. Nuestra misión es la de construir una plataforma basada en IA y fotónica capaz de transformar la medicina de precisión en aplicaciones tales como la estratificación de pacientes y la medicina personalizada. La persona contratada se encargará de contribuir a esta misión y nos ayudará a desarrollar nuestro hardware, en colaboración con el resto del equipo de Fotónica, de Data Science y de Bioclinics.

Más abajo os dejo la descripción del puesto, pero podéis acceder directamente aquí: <https://www.smartrecruiters.com/ILOF-IntelligentLabOnFiber/743999872052903-biophotonics-development-scientist-physicist-engineer>

Para aplicar, podéis hacerlo a través del enlace que os he dejado arriba, pero también podéis escribir un email a: aturpin@ilof.tech o hgersen@ilof.tech

We're looking for an awesome Experienced Research Scientist | BioPhotonics | Physicist to join our team on our journey to revolutionize personalized medicine 

About your Role / What will you be doing?

- Help us to develop our technology by combining an advanced photonics platform, data science, and ML algorithms to extract biological fingerprints from optical signals.
- Design, implement and validate optical sensing approaches to further enhance our photonics platform technology
- Provide insights towards improving our platform and interacting with the rest of the company teams to that end.
- Be up to date with the state of the art in biophotonics for biological fingerprint generation
- Plan and execute scientific communication strategies through peer-reviewed research, review articles, and presentations at national and international conferences.
- Work with our Product team to assist in validating functional requirements and value generation for our customers.
- Work with our Regulatory team to ensure our product hits the highest quality standards.

Job Description

Requirements

- Be passionate about the application of photonics in healthcare
- Proven ability in the development and application of photonics protocols, data acquisition, analysis and data interpretation
- Hands-on experience in setting up and performing optical experiments
- Experience working with biological samples, with microfluidics a plus
- Good understanding of light-matter interaction in biological samples
- Be a problem solver, proactive thinker, and a team player that enjoys facing challenges.

- Able to thrive in a fast-paced start-up environment that may require adapting quickly to new directions
- Proven track record of disseminating your research among peers and stakeholders at different levels, including conferences and journal articles.
- Be fluent in English with strong writing and communication skills.

Qualifications

Advanced degree in biophotonics, biomedical engineering, physics, optics, or a related discipline with at least 4 years of research experience (academic and/or industry).