

DEVELOPING THE FUTURE OF PATIENT SAFETY

R&D Scientist (f/m 80-100%)

If you can answer the statements below with “YES” - you should immediately get in touch with us!

- You'd like to be at the forefront of a disruptive technology that leverages the capabilities of spectroscopy and machine learning
- You are highly motivated to join a team developing new QC / authentication methods in the domain of life sciences
- You are hungry to bring in your scientific and technical skills and your experience from a similar industrial environment
- You are reliable and an “entrepreneurial” type of person

What you can expect

- Fascinating, versatile assignments where you can unleash your lab creativity while adhering to high quality standards
- Projects with leading global pharma companies
- Dynamic, intercultural team
- Workshops and courses for your growth
- Great personal development opportunities
- Attractive Employee Stock Option Plan
- Free coffee and snacks and of course Friday beers 😊

Your main tasks are

- Developing and prototyping systems including radiation sources and detectors, optics, electronics, and precision mechanics, in close collaboration with other members of the R&D team
- Optical characterization of the systems
- Keeping up to date with your area of expertise and engineering standards
- Data analysis including machine learning tools
- Developing lab software together with Software & Data Science teams
- Communication of the progress, goals, and milestones through verbal or written reports and presentations

What we expect

- Hands-on and team player mentality
- Strong organizational, context switching and problem-solving skills
- Excellent oral and written communication skills in English, including giving presentations to all levels

You will work with outstanding scientists on great industry challenges

Must-haves	Nice-to-haves
<ul style="list-style-type: none">• MSc. + min. 2 years industrial experience in Optical Engineering, Optomechanical Engineering, Electronics, Physics, Physical Chemistry, Material Science or Chemistry or related (Advanced degrees will also be considered)• Solid understanding and proven technical skills working with optical analytical methods, especially spectroscopy (Terahertz, IR, Raman, microwave, radio, or related)• Good knowledge of ray optics• Experience with data analysis• Experience or at a minimum interest in machine learning algorithms for quality control• Python programming skills (at minimum the ability to use and adapt scripts written by others)	<ul style="list-style-type: none">• Highly desired experience with design and characterization of optical systems, including precision opto-mechanical components• Experience with radio frequencies appreciated• Pharma technology experience

You will work as a key member of a growing R&D team.

The position is based in our Laboratory facility located at Hombrechtikon, near Zurich.

contact: k.widmer@obviotec.com

www.obviotec.com