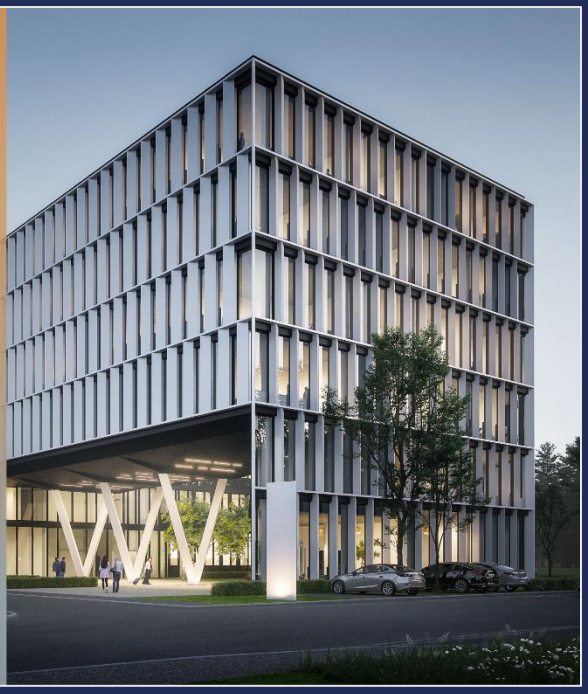
a WuXi AppTec company

As European representative of WuXi Biology, Crelux provides customized, early-stage drug discovery solutions. Our integrated services in protein production, structural biology, biophysics & screening, biochemical and cellular assays are all tailored to enable comprehensive drug discovery support.

At Crelux, we empower our clients to accelerate their research - helping them work faster, more efficiently, and focused on success. By integrating the comprehensive service portfolio of our parent company WuXi AppTec, we provide unique opportunities to streamline and advance discovery, from concept to candidate.

Crelux, a WuXi AppTec company | Am Haag 16 | 82166 Gräfelfing | Germany



Position – Department

We are seeking for an Automation Engineer to support and further develop our laboratory automation environment. Working closely
with our screening and assay scientists, you will implement robust automated workflows and keep our integrated systems running
reliably. The work ranges from day-to-day troubleshooting to evaluating new technologies.

Responsibilities

- • Implement, optimize and maintain automated workflows for screening and assay execution, including high-throughput workflows in 384- and 1536-well formats.
- • Program and configure automation, scheduling and instrument software, and develop C# and Python scripts to support automation workflows and system integration.
- • Integrate third-party instruments into automated platforms.
- • Support reliable connectivity and data flow between instruments, schedulers and LIMS.
- • Maintain, troubleshoot and repair standalone and integrated automation equipment, coordinating vendor service where needed.
- • Improve robotic scheduling, equipment utilization and overall workflow reliability.
- • Evaluate new technologies through rapid prototyping, testing and implementation.
- • Partner with screening teams to transfer established protocols onto automated platformsExample

Required Skills

- • 5+ years of experience in laboratory automation, including automation support in a drug discovery environment.
- • Hands-on experience with robotics, integrated automation systems and a broad range of plate-based instrumentation.
- • Proven experience with HighRes Biosolutions automation systems and strong working knowledge of Cellario scheduling software.

- • Experience with common liquid handling platforms (e.g., Hamilton, Tecan, Biomek, Bravo) and dispensing technologies (e.g. Combi, Tempest, Certus Flex and Echo acoustic dispensers).
- • Advanced programming skills in C# and Python, plus experience with SQL and relational databases such as PostgreSQL.
- • Proven troubleshooting ability across instruments, software and system communication.
- • Excellent collaboration and communication skills, including working with equipment vendors and external support teams.
- Working knowledge of additional scheduling platforms such as Green Button Go, Momentum, VWorks, DART or SAMI.
- Experience with LIMS and compound management platforms such as Mosaic or comparable systems.
- Familiarity with detection systems such as PHERAstar, high-content imagers and qPCR instruments.
- Understanding of biochemical, biophysical and cell-based assays, including technologies such as fluorescence, HTRF, AlphaLISA or NanoBRET.

We offer:

A contract (starting as soon as possible) with a competitive salary and the opportunity to work in a dynamic and innovative contract research environment. Access to eGYM Wellpass membership for personalized fitness and wellness plans.

Are you interested?

Please send your application containing a cover letter (stating your desired salary and earliest possible starting date) and a current CV to our human resources department: **crelux.careers@wuxiapptec.com**

Please also see our Privacy Notice for Applicants