

allcyte:

Research Scientist in cancer biology at Allcyte

Application to be sent to: HR@allcyte.com under the job code RS202 comprising a CV and a cover letter.

About Allcyte

Allcyte is a biotechnology company located in Vienna, Austria. With our Pharmacoscopy® high content imaging platform, we leverage automated fluorescence microscopy, and proprietary AI-driven image analysis to profile drug action in primary human patient samples at the single-cell level. We focus on generating unique mechanistic insight into drug activity that overcomes the limitations of working with mouse or cell line models (Krall *et al* 2020) to support the efficient translation of drug candidates from bench to bedside and help plan clinical trials with improved chances of success. Ultimately, through our platform, we want to enable truly individualized cancer medicine in the clinical routine (Snijder, Vladimer *et al.*, Lancet Hematol. 2017).

We have successfully demonstrated the clinical potential of Pharmacoscopy® (Snijder & Vladimer *et al*, Lancet Haematology 2017), and succeeded in integrating our datasets with genetics aimed at discovering new biomarkers predictive of drug action (Schmidl & Vladimer *et al*, Nature Chemical Biology 2019). After understanding single cell sensitivity and single cell responses, resulting from state-of-the art deep-learning analysis of several hundred GBs of image data per day, drug phenotypes can be followed-up at the molecular and genetic level for novel target and pathway discovery and/or drug repurposing opportunities.

Recruitment profile:

We are recruiting a highly motivated research scientist on a full-time basis to take responsibility for high-value pharma collaborative research projects where Pharmacoscopy® imaging data and downstream analysis and interpretation is used to gain a systems-level understanding of immunomodulatory and small molecule drug effects in cancer for translational decision making. You will work closely together with our team leader for external projects, as well as other wet lab and computational scientists in order to meet your goals.

Your responsibilities:

- Plan and execute high-value pharma collaborative research projects studying drug action directly in primary human patient tissues at the single cell level. In this process you will be working within and coordinating with an interdisciplinary team of wet lab, as well as computational scientists and technical assistants, following common team goals.
- Plan, oversee the execution, analyse and interpret individual experiments as well as perform meta-level analyses, to meet internal and external project goals. In this process you will leverage

allcyte:

state-of-the-art robotics, microscopy equipment combined with industry leading AI-driven high-content image analysis solutions.

- Communicate results to pharma clients in the form of reports and presentations. Prepare manuscripts and posters for major conferences.
- Provide regular project updates and reports to management.
- Establish documents and protocols to ensure reproducibility and experiment documentation according to Allcyte's Quality Management System and Good Documentation Practice

Educational background, experience and technical skills we are looking for:

- PhD level in cell biology, immunology, cancer biology or other relevant fields in life science, or Masters degree with min. 4 years experience working in industry, an industry-collaborative academic environment, or equivalent.
- Hands-on experience in translational sciences (cancer, aging, immunology), drug discovery, high throughput screening, model system development, or similar.
- Knowledge of R, Python, or other scientific scripting languages is highly desired.
- Experience with Adobe Illustrator or other graphic design programs.
- Strong interpersonal communication and presentation skills.
- Excellent written and spoken English skills.

Personal qualities we appreciate:

- Dynamic, fast learning, analytical, structured
- Highly motivated and self-organized team player capable of driving a project forward
- Proactive communicator
- Positive can-do attitude and a desire to make a difference

After your successful application, you will join a highly dynamic, collaborative and interdisciplinary team at Allcyte in Q4 2020/Q1 2021 and will have the unique opportunity to grow with the company both professionally and scientifically, while working to pioneer innovative therapeutic initiatives in oncology. According to legal requirements and the Austrian collective bargaining agreement, we offer a monthly gross salary starting from 3.428,19,- € for this full-time position. We are willing to negotiate overpayment based on your previous working experience and qualifications.

Vienna is a budding biotechnology hub in the heart of Europe and was voted the city with the highest quality of life in the world by Mercer for eight consecutive years, confirming our own view that Vienna is indeed a great place to live and work.

For questions, please contact: Sophie Asamer, Allcyte GmbH, Campus Vienna Biocenter 5, 1030 Vienna, Austria; sophie.asamer@allcyte.com