



Skyhawk Therapeutics is committed to discovering, developing and commercializing therapies that use novel technologies to bring breakthrough treatments to patients. For more information about the company, please visit our website www.skyhawktx.com.

We are currently looking to hire a motivated and talented

Senior Scientist (100%)

to join our growing team based in the Technology Park (Stückli) in Basel. The successful candidate will have the opportunity to develop new projects, as well as contribute to the progression of Skyhawk's existing portfolio in RNA-targeting small molecule therapeutics. As part of interdisciplinary project teams, the successful candidate will contribute to moving projects from target assessment and early discovery to hit-to-lead optimization. The candidate will also explore mechanism of action, therapeutic strategies, and pharmacodynamic responses in preclinical models. The candidate will work in collaboration with leaders of the field, advancing RNA targeting small molecules for multiple potential therapeutic areas.

Your primary responsibilities include:

- Supervise a team of 2-3 research associate scientists executing work plans designed by the candidate. Allocate personnel resources appropriately to ensure overall performance
- Design and lead assay development for target validation and hit-to-lead studies using tool compounds or genetic approaches (CRISPR, shRNA or siRNA, minigenes, mutagenesis)
- Develop cell-based assays for both high and medium throughput screenings and elucidating MOA for neurology programs
- Contribute to both lead identification and optimization of programs using methods encompassing all aspects of drug discovery
- Review technical publications, articles and abstracts
- Oversee coordination of CROs and other external collaborators to ensure that timeliness and progression of projects are in line with internal project plans
- Participate in multi-disciplinary project team meetings and serve as key representative for defined neurology programs
- Clearly and efficiently integrate activities with all research programs
- Establish workflows, SOPs and guidelines for all laboratory personnel
- Summarize/report data and generate presentation materials. Present at internal and external meetings, and to provide materials/slides for other scientists at project or company level

Your required experience and skills:

- Doctoral degree in molecular biology, biochemistry or related field
- Minimum 10 years of research experience with a deep knowledge of molecular and cell biology, RNA biology and/or neuroscience. Pharma industry experience is highly desirable.



- Accomplished leadership and management skills
- Track record of scientific publications and an excellent command of the research literature and databases
- Demonstrated experience with small-molecule drug discovery for human disease
- Extensive experience working with cellular models of human disease. Experience with CRISPR-based cell line generation and iPSC derived human disease models is highly desirable
- Significant experience in RNA-based techniques such as RNA FISH, protein-RNA/DNA co-localization, qRT-PCR, RNA CLIP
- Familiarity with next generation sequencing approaches including RNAseq and ability to collaborate with genomics/bioinformatics group in design and interpretation of studies
- Excellent written and oral communication skills. Excellent interpersonal and team skills; track record of success working collaboratively across disciplines
- Ability to think critically, make timely decisions, and manage deadlines. Excellent planning and organizing skills, able to manage multiple tasks simultaneously and set priorities
- Innovation in research/planning and experimental design. Excellent conceptual and scientific thinking, which is used to approach and solve complex issues and their implications
- Flexible, efficient and able to work independently with a problem solving attitude in a fast-paced small company environment

If your profile matches the above description, please send your CV and motivation letter by email to: swiss-careers@skyhawktx.com