

Principal Scientist I - siRNA (80-100%*)

Job ID
REQ-10043484

5月 13, 2025

Switzerland

摘要

Location: Basel, Switzerland

Fulltime, onsite, #Llonsite

We are seeking a highly motivated and curious Principal Scientist whose focus will be on siRNA discovery in the xRNA Team within Biomedical Research based in Basel. The team develops next-generation xRNA therapeutics in a collaborative and innovation driven environment, aiming to transform the lives of millions of patients with unmet medical needs. The successful candidate will have strong experience in siRNA biology and/or therapeutics and will have a key role in driving the development of the xRNA platform and mentoring Lab team members.

About the Role

Key Responsibilities:

- Lead matrix-oriented platform teams for the development of siRNA therapeutics
- Experience with end-to-end NGS experiments including library preparation, sequencing, and analysis
- Drive innovation based on data mining from hypothesis generation to conduct studies in a collaborative environment across Biomedical Research
- Design, plan and supervise siRNA cell-based screening activities
- Perform novel assay development and optimization for cell-based assays with a focus on improving throughput with automation
- With supervision lead junior scientists in the lab and with data analysis
- Represent xRNA team on cross-functional project teams to advance siRNA programs through the development pipeline
- Document experiments in lab notebook, conduct data analysis, interpretation and present findings to team in a timely manner

Role Requirements:

- PhD in biochemistry or biology or related scientific discipline
- 3 - 5 years of post-PhD research experience gained in academia as a Postdoc and/or in industry
- Research experience in siRNA biology. Knowledge of siRNA therapeutics would be an advantage.
- Strong genomics background with expertise in RNA-Seq from experiment to data processing
- Able to run R scripts independently
- Expertise in mammalian cell culture from immortalized to primary cells
- Experience with cross functional teams and ability to serve as a point of contact for the team with minimal supervision
- Strong multi-tasking, organizational, attention to detail, verbal/written communication skills
- Ability to collaborate and thrive in fast-paced, team-oriented environment

Desired Requirements:

- Expertise with BioMek or Opentrons liquid handlers
- Proficient in R and/or Python. Machine Learning experience a plus.

*Restrictions on working flexibility may apply to this position and can be discussed at interview as required

Accessibility and accommodation

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部门

Biomedical Research

Business Unit

Pharma Research

地点

Switzerland

站点

Basel (City)

Company / Legal Entity

C028 (FCRS = CH028) Novartis Pharma AG

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work
No

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