



Example of Innovation Scientist Job Description

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Our innovative and growing company is searching for experienced candidates for the position of innovation scientist. To join our growing team, please review the list of responsibilities and qualifications.

Responsibilities for innovation scientist

- Provide scientific leadership in (1) developing assays in cell based formats that are suitable for automated high-throughput screening in 384 or 1536-well formats (2) high-throughput screens (3) analyzing screening data, including presentations at program team meetings
- Perform a substantial level of hands-on laboratory work
- Develop innovative approaches to screening and hit triage, data processing and analysis, bioinformatics support
- Influence the course of projects, scientific methods and company's technical direction
- Design complex experimental strategies to identify and screen active natural targets that address project goals
- Identify complex obstacles to progress
- Provide significant organizational contributions (peer review, symposia, scientific advisory boards, forums, cross-enterprise or global technical initiatives) by demonstrating intellectual leadership and effective mentoring of others
- Build global innovation ecosystem by keeping abreast of scientific and technical developments related to Naturals Platform emerging science areas
- Manage internal and external collaborations and partnerships
- Generate study/invention reports and publish research in high-quality journals, as appropriate

Qualifications for innovation scientist

- Proficient in using statistical modeling and programming tools such as R, SPSS and Matlab
- Experience in building applications on at least one cloud platform such as HANA Cloud platform, AWS, GCP, Pivotal and heroku
- Ensure compliance with company good laboratory practices and other regulatory/quality guidelines
- Generate ideas/research strategies, implements them and produces results that are of importance to the company
- Co-author manuscripts and other publications for submission to high-quality journals and other forums
- Minimum of a Masters Degree with 6 years of related industry experience in cell-based assay development for pharmacology and high-throughput screening OR a PhD and postdoctoral experience in Biochemistry, Cell Biology, Pharmacology or a related field with 2 years of related industry experience in cell-based assay development for pharmacology and high-throughput screening is required