

**Scientist, Chemical Biology - Discovery Chemistry**

**PG 26**

**Location: Springhouse, PA**

**Hiring Manager: Brahma Ghosh**

**Posting Title: Scientist, Chemical Biology - Discovery Chemistry, Spring House, PA**

Janssen Research and Development, LLC, a member of Johnson and Johnson's Family of Companies, is recruiting for a **Scientist, Chemical Biology - Discovery Chemistry**, located in Spring House, PA.

At the Janssen Pharmaceutical Companies of Johnson & Johnson, what matters most is helping people live full and healthy lives. We focus on treating, curing, and preventing some of the most devastating and complex diseases of our time. And we pursue the most promising science, wherever it might be found.

Janssen Research & Development, LLC, discovers and develops innovative medical solutions to address important unmet medical needs in oncology, immunology, neuroscience, infectious diseases and vaccines, and cardiovascular and metabolic diseases. Please visit <http://www.janssenrnd.com/> for more information.

We are Janssen. Our mission drives us. Our patients inspire us. We collaborate with the world for the health of everyone in it. Thriving on a diverse company culture, celebrating the uniqueness of our employees and committed to inclusion. Proud to be an equal opportunity employer.

Discovery Chemistry is an integral and growing part of the Janssen Therapeutics Discovery (TD) organization, which is committed to the delivery of high-quality drug candidates in partnership with all six Therapeutic Area (TA) discovery organizations. The Discovery Product Development and Supply (DPDS) mission requires deep scientific expertise in multiple disciplines including chemistry, cellular and molecular pharmacology, enzymology, and screening technologies coupled with an ability to work collaboratively with internal and external organizations, including the discovery facing development teams Discovery Product Research (DPR) and Developability.

Building on a strong legacy of success, we are currently recruiting an outstanding individual to join our Spring House, Pennsylvania, based team as Scientist, Chemical Biology, Discovery Chemistry – a role that offers tremendous growth opportunity within a dynamic and science-driven organization. Located in suburban Philadelphia, the Janssen Spring House campus sits at the heart of the thriving mid-Atlantic biopharmaceutical belt, offering easy access to some of nation's premiere educational, research, and medical centers of excellence.

We are seeking a highly skilled, and motivated chemist with excellent organic synthesis and chemical biology expertise to join our internal chemical biology efforts toward delivering high quality hits, leads,

and candidates to the Janssen discovery pipeline within our Disease and Pathway Area Stronghold (DAS and PAS) strategy.

The successful candidate will be responsible for developing chemical probes and tool compounds to mine complex pathways and enable mechanistic studies and characterization of novel chemical matter. To that end, they will be part of our Chemical Biology matrix team and will interface heavily with Chemoproteomics and High Throughput Screening partners in Spring House, PA to deliver robust chemical biology data packages to discovery programs across Therapeutic Areas.

### **Responsibilities**

- Independently design and execute clear strategies towards chemical biology tool molecules synthesis, including alkyne, biotinylated, and photoaffinity probes
- Forge a robust relationship with the Discovery Technologies & Molecular Pharmacology (DTMP) Chemoproteomics team and contribute to defining a unified chemical biology workflow process
- As a dynamic member of project teams collaboratively support the advancement of compounds through stage-gates via strategic application of chemical biology
- Generate novel, testable hypotheses to enable clear decision making
- Maintain a significant level of productivity in the laboratory setting
- Present data and reports on project status at individual, group, and departmental meetings
- Maintain a healthy publication record in scientific journals and present findings at key conferences

### **Qualifications**

- Ph.D. in Organic Chemistry, Medicinal Chemistry, or Chemical Biology is required or currently in a Ph.D. program with an anticipated graduation date by Summer 2022.
- Post-doctoral and/or biopharmaceutical industry experience is preferred.
- Experience in design and synthesis of small molecules, with proven track record of delivering on high quality chemical biology probes and tool compounds with various applications is required
- Experience with Cu-catalyzed Azide Alkyne Click Chemistry (CuAAC) for gel- or mass spectrometry-based protein identification is required
- Solid understanding of the following chemical biology/chemoproteomics methods is highly desirable: activity-based protein profiling (ABPP), photoaffinity labeling, affinity chromatography, and cellular thermal shift assay (CETSA)
- Strong track record of scientific contributions including peer reviewed first-author publications and presentations at major conferences is required
- Independent thinking and the ability to effectively collaborate in a highly matrixed environment is required
- Excellent oral and written communication skills, including preparation of presentations is required

