

# Job Opening: Chemical Biologist - Almirall R&D

Requisition ID **24586** - Location: **Spain** - **R&D SANT FELIU DE LLOBREGAT (BARCELONA)**

To apply: <https://www.linkedin.com/jobs/view/2555156415/?refId=5%2FvhEIO1QY%2BM0JTkW0vxlQ%3D%3D>

## Mission

We are seeking a talented chemical biologist to drive target ID and validation activities using pharmacological modulation.

The candidate would use a toolbox encompassing directly acting chemical probes, such as active-site inhibitors and degraders, as well as strategies using genetic engineering to render target proteins chemically tractable, in order to probe the function of targets and pathways of interest in complex cellular systems.

In addition, the candidate would design and synthesize chemical probes to enable target identification and mechanism of action studies for compounds of unknown MoA such as phenotypic screening hits, using photo-affinity labelling or other affinity-based methods, as well as fluorescence probes.

The candidate will bring a strong innovative drive, and will be able to flexibly build and test chemical biology strategies that could open up previously untapped therapeutic mechanisms and modalities. The candidate should be comfortable working in a very dynamic cross-functional team environment and have demonstrated creativity in solving complex chemistry and biology challenges.

## Tasks and Responsibilities

- Identify, evaluate, and implement emerging chemical biology technologies for target validation, target ID and chemical probe discovery.
- Design and synthesize chemical probes for target identification, mechanism of action studies and target engagement studies.
- Design and conduct cellular experiments (including genetic engineering) to test the functions of chemical probes.
- Design chemical proteomics experiments and work with external proteomics resources to analyze data and guide further selectivity, target engagement, and MOA studies.
- Collaborate with chemists, biologists and computational scientists to conduct hypothesis-driven research enabling drug discovery in skin inflammatory diseases, cancers and orphan diseases.
- Present experimental results, research plans, and data analysis at cross-functional meetings

## Education & Qualifications

- PhD, or MSc with 3+ years of experience, in Chemistry/Chemical Biology/Chemical proteomics with a focus on target validation, target identification, probe discovery or proteomics.
- Proficiency in chemical probes design and organic synthesis, familiarity with small molecule bio-orthogonal conjugation approaches.
- Experience with basic cell biology and/or biochemistry techniques. Familiarity with a range of protein assay techniques (e.g. western blotting, HTRF/AlphaScreen).
- Ability to design and execute chemical proteomics workflows in cells would be a plus.
- Experience in successfully completing projects from probe design, to cellular experiments and pulldowns, to target identification and validation would be desirable.
- Track record of continual growth, curiosity, and drive to learn is a must.
- Ability and enthusiasm to propose innovative out-of-the-box solutions, critically evaluate data, generate testable hypotheses, and solve challenging interdisciplinary problems
- Team player with ability to communicate effectively across several scientific disciplines

## Values

- Caring
- Dedicated
- Dynamic
- Expert