

Senior Research Scientist – Synthetic/Medicinal Chemistry (PROTAC)

Location: AstraZeneca R&D, Gothenburg, Sweden

AstraZeneca is one of the world's most exciting biopharmaceutical companies. We're on a mission to turn ideas into life-changing medicines that improve patients' lives and benefit society. We need great people who share our passion for science and have the drive and determination to meet the unmet needs of patients around the world.

Now we are hiring a Senior Research Scientist with focus on Synthetic Medicinal Chemistry in the area of Research and Early Development in Respiratory & Immunology within AZ's BioPharmaceutical R&D – right in the middle of AstraZeneca's vibrant R&D site in Sweden

The medicinal chemistry team in Early R&I is focused on driving discovery research to deliver world-class medicines with an emphasis on small to large sized synthetically accessible molecules. This includes classical small molecules, peptides, oligonucleotides and conjugates and currently we are further expanding our portfolio in the area of PROteolysis TARgeting Chimeras (PROTACs). Our team operates in a cross-disciplinary environment in close collaboration with biologists, DMPK experts and Pharmaceutical Scientists to advance the R&I project pipeline.

The successful candidate will join a highly integrated discovery team leveraging innovative medicinal chemistry to invent novel medicines. The position includes synthesis, purification and characterization of lead molecules from target validation to lead optimization – certainly including compound design and medicinal chemistry aspects with a focus on PROTACs. The candidate will ensure uptake of novel scientific developments in synthetic organic chemistry into AstraZeneca's medicinal chemistry project teams and influence compound design by generating completely novel ideas for our molecules. Embedded in a strongly science driven environment, this position certainly includes opportunities to share scientific findings and publish novel science.

We are looking for an ambitious team player with a strong scientific background in organic chemistry including excellent verbal and written communication skills and the ability to engage and collaborate across boundaries. We rely on a person with a problem-solving attitude and delivery focus, and a strong interest to continuously develop new skills in medicinal chemistry.

Major Duties and Responsibilities

- Actively contribute to R&I's PROTAC portfolio projects with compound design and synthesis
- Provide state-of-the-art Synthetic Chemistry to projects at all stages of drug discovery
- Deliver high quality drug molecules and tool compounds
- Apply synthetic skills with an idea generation mindset, learning to efficiently troubleshoot Medicinal Chemistry problems while maintaining a clear focus and impact on project progression
- Continuously expand expertise in PROTAC Medicinal Chemistry aspects
- Drive R&I's scientific reputation by identifying and contributing to publication opportunities internally, across AZ and/or together with external partners
- Follow safety requirements and all AZ corporate responsibility policies

Essential Requirements

We search for a creative scientist with a strong synthetic background and the desire to rapidly develop as a medicinal chemist.

- PhD in Organic Chemistry, Medicinal Chemistry or Biochemistry
- Postdoctoral and/or industrial experience is a plus – as is previous work on PROTACs
- In-depth scientific knowledge in the area of modern synthetic chemistry
- Up-to-date with modern purification and analytical techniques
- A proven track record of delivery from own experimental work
- Excellent communication and collaboration skills
- Basic knowledge of drug discovery in the pharmaceutical industry is a plus

For more information about the position please contact:

Lena Ripa, Early R&I Medicinal Chemistry, at Lena.E.Ripa@astrazeneca.com.

Please note that the only way to apply is through the AstraZeneca [career page](#)

We welcome your application until August 30th, 2020!

Our Location

Our R&D site has around 2500 employees and a very high share of scientists with very diverse origin with respect to scientific expertise and nationalities. Please look at the following two webpages to get an impression of AZ's R&D site in Sweden and the beautiful Swedish environment in and around Gothenburg:

<https://www.astrazeneca.com/our-science/gothenburg.html>

<https://www.movetogothenburg.com/>

AstraZeneca is a global, innovation-driven biopharmaceutical company that focuses on the discovery, development and commercialization of prescription medicines for some of the world's most serious diseases. In addition to being one of the world's leading pharmaceutical companies, AstraZeneca is proud to provide a unique workplace culture that inspires innovation and cross-boundary collaboration. The Early Respiratory & Autoimmunity (Early R&I) unit is one of AstraZeneca's core therapy areas focused on the discovery and development of novel treatments for respiratory diseases.