

Committed to making the difference

AiCuris – founded in 2006 – is a specialist for infectious diseases. Its focus comprise discovery, research and development of novel antiviral and antibacterial agents in the indications human cytomegalovirus, herpes simplex virus, hepatitis B virus, adenovirus, and (multi-)resistant bacterial infections treated in the hospital. With its highly innovative pipeline AiCuris addresses specialist markets and severe, potentially life threatening infections with high medical need. Major steps for the company were signing a license agreement with Merck & Co. (MSD) and the marketing authorization for Prevmis™ (Letermovir) in the US and Europe.

AiCuris is offering the position of a:

(Senior) Scientist for Antibacterial Drug Discovery (m/f/d) *(in full-time)*

To strengthen our team in antibacterial research we are looking for a self-motivated and collaborative scientist with an academic degree in biology, medicine or related subjects. The candidate should have a strong background in antibiotics and in pathogenic bacteria (especially Gram-negatives but also Gram-positives).

Supported by an established research team of academic and technical experts, your role will be to develop strategies for the discovery of innovative antibacterial drugs and to identify and characterize novel antibacterial agents. We expect you to design, plan and conduct your experimental work independently. The role also entails taking responsibility as project champion in discovery programs from initiation of the program to commencement of Phase I studies as well as acting as the representative for preclinical pharmacology in development project teams.

Your tasks:

- Provide antibacterial expertise (both strategic and operational) to expand the AiCuris antibacterial drug discovery pipeline
- Provide scientific input for the initiation of new drug discovery programs on the basis of commercial and scientific opportunities
- Optimize hits to development candidates in a timely, scientifically sound and business oriented manner in close collaboration with other disciplines such as chemistry and pharmacokinetics as well as external partners and CROs
- Guide, motivate and develop an interdisciplinary drug discovery team (including external corporate partners) in lead structure optimization
- Provide expert input to clinical research and business development
- Assess the competitor landscape and evaluate potential in-licensing products

Your profile:

- PhD in microbiology, biochemistry, molecular biology, human biology or related field
- > 2 years of experience in antibacterial drug discovery in major pharma or biotech or respective academic environment is mandatory
- Deep knowledge of the whole antibacterial drug discovery and development process and business (including antibacterial classes, drug discovery strategies, requirements of successful antibiotics, competitor landscape, medical need and commercial opportunities)

- Good understanding of optimization parameters related to pharmacology, PK/ADME, drug metabolism, safety/toxicology and chemistry
- Knowledge of the physiology, metabolism, genetics, virulence and resistance development of bacterial pathogens
- Good experimental knowledge of a broad range of in vitro and in vivo methodologies for antibacterial drug evaluation
- Scientific experience in designing and supervising experiments performed by a team of technical assistants; experience in preparing scientific reports
- Experience in clinical microbiology advantageous
- Ability to think strategically about projects, business issues and to develop a vision for the therapeutic area
- Strong organizational skills, ability to efficiently evaluate, to prioritize, and to handle multiple project tasks
- Strong analytical skills and statistical understanding
- Experience in leading interdisciplinary discovery teams advantageous
- Highly motivated, able to work independently and in a team
- Excellent English (oral and written), German (advantageous but not a primary requirement)

What we can offer

We offer an exciting and challenging job in an innovative company with an excellent R&D portfolio and a highly motivated team exhibiting many years of Big Pharma and Biotech R&D experience.

How to apply

Interested to join our team? Then apply online using our [application form](#). If you have any questions, please do not hesitate to contact us at +49 202 317 63 2599.