



Employer: AstraZeneca Innovation Center China

Website: <http://en.astrazeneca.com.cn>

Location: Shanghai, China

Job Titles: Senior Scientist – HTS Assay Development
Senior Scientist – Target Validation
Senior Scientist – In Vitro Pharmacology
Capability Leader: Computational Biology
Principal Scientist, liver fibrosis and fatty liver
Oncology Drug Discovery Project Leader

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AstraZeneca Innovation Center China

You can at AstraZeneca. Discover your potential with a global pharmaceutical industry leader who values your contributions, seeks innovation, and rewards success.

AstraZeneca Innovation Center China (ICC) opened in 2007, in the Zhangjiang Hi-tech Park in Shanghai. Scientists here collaborate with our R&D centers globally and with external partners to find cures for diseases most prevalent in Asia. Our initial focus has been on translational science for cancer but ICC is now building capability to deliver candidate drugs and ultimately valuable medicines for diseases that are most important to Asian patients.

Candidates with drug discovery and industry experience, especially in the area of cancer research, are encouraged to apply. We are recruiting individuals with experience in the following areas:

- Cell Biology
- Informatics
- Target Validation
- Assay and Screening
- Project Management
- Chemistry and DMPK

Please visit <http://en.astrazeneca.com.cn> to view our current openings and to apply. Or you can send your CV to staffing.icchr@astrazeneca.com directly.

We are an equal opportunity employer.



Senior Scientist – HTS Assay Development

Number of Positions: 1

Responsibilities:

The job holder will be responsible for conducting a variety of studies from assay development to screening with colleagues and CRO.

The focus of the Assay Development & Screening Team is to provide support to the ongoing ICC early drug discovery projects.

Key job responsibilities are:

- Design, develop, and optimize biochemical and cell-based assays amenable to high-throughput screening (HTS).
- Implement the assays to automation and execute HTS.
- Analyze, interpret, and report screening data.
- Mentor junior scientists scientifically.

Requirements:

- Ph.D. in biology, biochemistry or other biology-related fields.
- 3+ years of direct laboratory experience (post-graduation), preferably in a biotech/pharmaceutical setting.
- Extensive experiences and knowledge in HTS assay development for a variety of targets (especially kinases and other enzymes).
- Familiar with automated liquid handlings and detecting technologies.
- Strong problem solving and scientific skills in assay development, automation, data analysis and interpretation.
- Ability to work well in an interdisciplinary team with a sense of urgency in quality and delivery of studies.
- Flexibility and open minded– adapts positively to changes in drug discovery, maintaining enthusiasm and effectiveness regarding change as an opportunity for growth.
- Strong oral and written communication skills in both English and Chinese.



Senior Scientist – Target Validation

Number of Positions: 1

Responsibilities:

As a senior research scientist at ICC, you will initiate and execute science research and provide scientific data in support of drug discovery projects. The successful candidate will lead a small group of assistant/associate scientists within target validation team to validate the potential new drug targets. In addition, you will manage external collaborations with CROs to ensure quality and delivery of studies.

Requirements:

- Ph.D. in Biological or Medical Sciences.
- 3+ years of direct laboratory experience (post-graduation), preferably in a biotech/pharmaceutical setting.
- Extensive experiences and knowledge in cell biology, molecular biology and signal transduction.
- Excellent problem solving and scientific skills in mammalian cell culture, transfection, stable cell line generation, and phenotypic characterization.
- Expertise in shRNA or RNAi target validation.
- The working knowledge of oncology and pharmacology is a plus.
- Capable in collaboration with external collaborators with a sense of urgency in quality and delivery of studies.
- Ability to work well in an interdisciplinary team.
- Flexibility and open minded– adapts positively to changes in drug discovery, maintaining enthusiasm and effectiveness regarding change as an opportunity for growth
- Strong oral and written communication skills in both English and Chinese.



Senior Scientist – In Vitro Pharmacology

Number of Positions: 1

Responsibilities:

As a senior research scientist at ICC, you will initiate and execute science research and provide scientific data in support of drug discovery projects. The successful candidate will lead a small group of assistant/associate scientists within cell science team to validate potential oncology drug targets and drug candidates. In addition, you will manage external collaborations with CROs to ensure quality and delivery of studies.

Requirements:

- Ph.D. in Biological or Medical Sciences.
- 3+ years of direct laboratory experience (post-graduation), preferably in a biotech/pharmaceutical setting.
- Extensive experiences and knowledge in cell biology, molecular biology and signal transduction.
- Excellent problem solving and scientific skills in mammalian cell culture, transfection, RNAi gene knockdown, phenotypic characterization and assay development.
- The working knowledge of oncology and small molecule drug discovery is a plus.
- Capable in collaboration with external collaborators with a sense of urgency in quality and delivery of studies.
- Ability to work well in an interdisciplinary team.
- Flexibility and open minded– adapts positively to changes in drug discovery, maintaining enthusiasm and effectiveness regarding change as an opportunity for growth
- Strong oral and written communication skills in both English and Chinese.



Capability Leader: Computational Biology

Number of Positions: 1

Position Description:

This position will lead the ICC Computational Biology group to provide support to drug discovery projects. The key accountabilities/responsibilities include:

- Lead the team to apply model informatics methods to effectively manage, analyze, and utilize relevant informatics to support the ICC drug discovery efforts including target identification / validation and drug discovery projects
- Work with Information Service group to design and deliver informatics infrastructure

Requirements

- PhD in bioscience, physics, or computer science with at least 3 years of experience in informatics discipline
- Strong knowledge in major areas of informatics: biological databases, literature database, sequence search and analysis, gene expression microarray, aCGH
- Strong biology background with experience in drug discovery is desired
- Excellent analytical background and good understanding of statistical data analysis principles
- Strong computer programming skills



Principal Scientist, liver fibrosis and fatty liver

Number of Positions: 1

Responsibilities:

We are seeking a highly motivated senior level scientist with significant research liver fibrosis and fatty liver, to join our Liver Disease Team at the Innovation Center China, AstraZeneca Global R&D, Shanghai. The successful candidate is expected to play a significant role in shaping our research strategies in these disease areas.

Key responsibilities include:

- Provide expertise in disease area science reviews and contribute to disease area research strategy.
- Demonstrate critical thinking in reviewing literature and emerging new sciences in the disease areas
- Lead the effort on establishing research capabilities and planning
- Lead a team to design and execute in vitro and in vivo experiments from target selection to translational science
- Establish and lead effective collaborations with external groups
- Perform as an effective leader who supervises and coaches junior scientists.

Requirements:

- Ph.D in biological science with a minimum of 5 years hands-on research experience with therapeutical agents in vitro and in vivo for liver diseases, preferably within the pharmaceutical/biotechnology industry.
- Cell biology and signal transduction research experience, and/or clinical experience are preferred.
- Biomarker assay development and validation experience preferred.
- Excellent communication skills and an ability to work independently and collaboratively within a team and in a project-oriented environment are essential.
- Current knowledge of agents used in liver diseases is essential.
- A strong scientific curiosity and a “can-do” attitude is required to be successful for this position.



Oncology Drug Discovery Project Leader

Number of Positions: 2

Description:

As drug discovery project leader at ICC, you will be responsible for developing overall project strategies, and leading a multi-disciplinary team(s) to execute project plans with a goal to identify clinical candidate drug(s) for successful PoC in clinic.

Accountabilities/Responsibilities:

- Develop overall project strategies by clearly understanding key issues of specific project(s)
- Formulate project specific plans with timelines aligned with project strategy
- Efficiently execute agreed plans by leading a multi-disciplinary team in matrix organization
- Effective communication within the teams and across function groups
- On top of the scientific literatures and key players/competitors related to the projects

Minimum Requirements –Education and Experience:

- PhD in Biology or MD with drug discovery experience and a tracked record of delivery of candidate drug(s).
- Significant research experience in one of the following biological effect areas: growth factor/survival, angiogenesis, DNA damage response and/or cell cycle control
- 5+ years research experience in the relevant biological effect area(s), cancer research background is preferred
- Project leadership experience in pharmaceuticals (discovery) is desired.

Skills and Capabilities

- Project leadership capability: passion for customers, thinks strategically, acts decisively, drives performance, works collaboratively and develops people & organization
- Effective project management and oral presentation skills
- Clear understanding of key issues in drug discovery and development
- Strong skills in independency, collaborative work and global communication
- Strong commitment to team work as well as high levels of integrity, professionalism and personal ethics
- Excellent interpersonal skills, and fluent in English and Chinese desired