

Project Toxicologist in Oncology

Salary: Competitive

Location: Cambridge, UK

AstraZeneca is a major international healthcare business engaged in the research, development, manufacture and marketing of prescription pharmaceutical and the supply of healthcare services. But we're more than one of the world's leading pharmaceutical companies. At AstraZeneca we're proud to have a unique workplace culture that inspires innovation and collaboration. Here, employees are empowered to express diverse perspectives and are made to feel valued, energized and rewarded for their ideas and creativity. We are investing in a state-of-the-art research center in Cambridge where we will bring together some of the finest talent in business and academia.

Oncology Safety, a global department that is part of our Clinical Pharmacology and Safety Sciences (CPSS) function applies innovative science to drive the design, selection and development of safer medicines. The **Oncology Safety** group work collaboratively delivering safety science from early discovery through clinical development. An exciting opportunity now exists within our **Oncology Safety Department** for a talented **Project Toxicologist** to join us to support the development of innovative Oncology drugs and restore patients' lives.

As a Project Toxicologist you'll be part of a dynamic, collaborative team working in a vibrant environment, where you'll help us make a difference to patients world-wide.

In CPSS, we place a strong emphasis on individual talent development. You will be able to develop your scientific leadership and skills by working together with leaders in bio-science, chemistry, DMPK, modelling, investigative toxicology, oncology drug discovery, quantitative safety science and regulatory toxicology.

Main Duties and Responsibilities

As a Project Toxicologist working across discovery and development, you will apply innovative investigational toxicology science to enable the discovery and development of safer medicines for patients. Once a compound is selected for development you will design and interpret toxicology research programmes and ensure delivery of high quality regulatory toxicological documentation to enable clinical studies and marketing authorization of drug candidates. Within Oncology Safety we are leading a patient-centric approach and you will focus on working with cross discipline experts to combine clinical and non-clinical science to determine the optimal development path of our Oncology portfolio.

To succeed as a Project Toxicologist you'll need a collaborative, consultative approach to projects and the ability to apply your skills to:

- Explore drug project safety risks and develop risk mitigation strategies, by combining data from traditional toxicological methods with data from more novel approaches and computational tools to build mechanistic understanding of drug leads and candidates
- Work with experts from diverse disciplines including, in vitro toxicology, computational toxicology, secondary pharmacology, safety pharmacology, pathology and advanced imaging data science
- Understand the practices, principles and concepts associated with planning and delivering fit for purpose non-clinical toxicology study programs

- Deliver non-clinical safety packages to support all phases from candidate drug selection to early clinical development. Experience of marketing applications would be an advantage
- Deliver summaries and high-level documents based on scientific interpretation of data regarding toxicology and risk assessment to internal decision bodies and external health authorities
- Provide specialist non-clinical expertise for evaluation of in-licensing and out-licencing opportunities
- Provide strategic input to the long-term development of the organization
- Embrace change and thrive in a dynamic working environment that is evolving to meet the needs of the business and the patient.

Essential Requirements

As a Project Toxicologist your qualifications, skills and experience will ideally include:

- DVM, PhD or MSc in Pharmacology, Toxicology or a related Life Science discipline
- Safety assessment experience from preclinical research and development work within the pharmaceutical industry or a research background from academia in a related / complementary field
- Good command of pharmacological and / or toxicological principles and methods and the ability to familiarize with new therapeutic approaches
- Familiarity with, and the application of, appropriate regulatory principles and guidelines and the enthusiasm to work within and contribute to the discipline of Toxicology in a drug development setting

Experience of working with small molecule, biologics, new modalities and/or combination oncology therapies is particularly welcomed.