

Job Description

Job Title: PDM Biotherapeutics ADME Scientist Position (R2)

Job ID:

Location: United States-Massachusetts-Andover

Role Description

The qualified candidate will operate as an ADME Scientist within the New Biological Entity Pharmacokinetics, Dynamics and Metabolism (NBE-PDM) organization in the NBE-ADME Science and Technology group.

The ADME Scientist is responsible for conducting lab based experiments to evaluate biotherapeutic disposition, advance discovery and development programs and support research activities in biotherapeutic disposition science.

Responsibilities

Design and conduct in vitro and in vivo laboratory studies to evaluate biotherapeutic disposition in preclinical models used for efficacy and safety studies.

Establish methodology for mechanistic studies to address issues related to disposition kinetics and tissue targeting, and to lead disposition investigation of novel targets and biotherapeutic modalities.

Work in collaboration with project teams, biotherapeutics pharmaceutical science, global biological technologies, and PDM NBE principle investigators and NBE PKPD scientists to advance the knowledge and optimization of biotherapeutic disposition.

Qualifications

- BS, MS in relevant field with 3-5 yrs experience in biotherapeutic discovery/development.
- Broad understanding and experience in ADME of biotherapeutics. Knowledge about target mediated uptake and clearance, immuno-complex clearance is highly desired.
- Strong background in cell biology, biochemistry and general molecular biology is important. Techniques include cell and molecular biology techniques such as mammalian tissue culture, flow cytometry analysis (FACS), Western blot, ELISA, RNA and DNA isolation and RT-PCR. Experience with Biacore, biotherapeutic characterization technologies such as chromatographic and electrophoretic separation is a plus.
- Experience in siRNA handling (e.g. formulation for target delivery) is preferred.
- Demonstrate ability to integrate data from multiple sources into a rational understanding of in vivo distribution / metabolism/clearance process for biologics.
- Practical experience of achieving results in a matrix team environment.

- Proven presentation skills, demonstrated through internal and external presentations of own work .