

UCB is a leading global biopharmaceutical company developing innovative therapies to address unmet needs of patients suffering from severe disorders. The company's international R&D organization is New Medicines responsible from early research up to clinical Proof of Concept and focused on two main Therapeutic Areas, Immunology and Neurology. Immunology is based in Slough UK, while Neurology is based in Braine-l'Alleud, Belgium, close to the company Headquarters located in Brussels. UCB New Medicines is recruiting within Development Science for the site in **Braine-L'Alleud** a (m/f):

Senior Scientist Investigative toxicology

Job Nature and scope

We are seeking a talented PhD level scientist for a permanent position of laboratory scientist with proven expertise in in vitro toxicology techniques to join our Investigative Toxicology Team at UCB-Biopharma in Braine l'Alleud, Belgium. The successful candidate will have a 'passion' for experimental laboratory based work, and experimenting with new technologies. The candidate will have experience and expertise in cellular and molecular toxicology, investigative and mechanistic toxicology, and genetic toxicology. Pharmaceutical industry experience would be a plus. Good communication skills are critical to ensure optimal interactions between the laboratory and project teams / management.

Major Accountabilities:

- Supporting wet laboratory activities from a scientific as well as operational and organizational point of view
- Design, conduct, analyze, interpret, and report in vitro / ex vivo toxicology experiments and studies. Communicate the output to the non-clinical safety community, Research & Development project teams and larger audience
- Focus activities on differentiating on / off target effect, identifying cellular mechanisms of toxicities, target protein and pathways, building tailored mechanism-based screening tools, assessing human relevance, translatability and cross-species differences, influencing SAR and identifying safety biomarkers
- Focus on understanding the impact of UCB compounds on target organs according to our various target organ strategies and develop de-risking strategies
- Implement new assays and innovative tools for use in drug safety screening
- Implement new and innovative technologies and approaches such as micro-physiological systems (MPS) and iPS-derived human cardiomyocytes that can positively impact UCB projects.
- Drive activities regarding mechanistic and investigative toxicology, toxicology pathways and safety biomarkers
- Interface with scientists in chemistry, ADME, bioanalysis, DMPK, etc. to better understand needs, tailor tools and approaches and improve output and impact
- Collaborate with discovery/regulatory toxicologists, pathologists and Investigative Toxicologist laboratory-based scientists to design bespoke investigations to understand mechanisms of toxicity and relevance to humans.
- Collaborative mindset within and outside the laboratory in particular with the toxicology community, Development Science, Research and Development project teams

- Connect with CRO on outsourcing activities to optimize output regarding time, cost and quality
- A desire to connect to the outside community via consortia, collaborations, joint projects, public-private partnerships, chaired sessions, contribution to conferences etc.

Education and skills

- PhD or equivalent with expertise in cellular, molecular biology with at least 3-5 years of post-doctoral experience in a field in line with the requirements of the posted position. Professional accreditation in the field of toxicology would be a plus.
- Ability to work fully independently in experimental design, execution, data analysis, data interpretation and communication
- Excellent communicator, effective oral and written English skills, any other language would be an asset
- Demonstrated expertise in a range of in vitro techniques and approaches with a particular focus on characterizing compound toxic effects and understanding mechanisms of toxicity
- Hands-on experience with 2D, 3D tissue culture systems and expertise in measuring functional and structural endpoints
- Proven proficiency in a wide range of cellular and molecular biology techniques including PCR, ELISA, Western blot, cell culture, flow cytometry, high content biology assays, immunohistochemistry, image analysis, etc.
- Willingness to work in a highly interactive environment with an emphasis on teamwork and delivery
- Publication track record in key areas of interest to the advertised position

To apply please go to www.ucb.com/careers

Discover more about the remarkable UCB Talent Blends and how you can contribute to the mix at www.ucb.com/careers