

Scientist Biophysics (Location: Ghent, Belgium)

Aelin Therapeutics is a biopharmaceutical company pioneering peptide-based novel drug modalities to create a powerful first-in-class antibiotics and agents against high-value undruggable human targets. The technology, branded Pept-ins™, harnesses the power of protein aggregation to induce specific functional knockdown of a target protein. The Pept-in™ technology allows for the rational design of novel peptide-based therapeutics and differentiates itself from other therapeutic modalities through its unique mode of action, its designability and broad target space.

Aelin Therapeutics is building a motivated and innovative team to realize the therapeutic potential of Pept-ins. The company has activities in Ghent and Leuven, Belgium. This job opportunity is for a vacancy in the analytical division located in Ghent. For more information please visit www.aelintx.com.

Profile

The ideal candidate will have a PhD in (bio)chemistry or a related discipline, or equivalent by experience, with practical experience in biophysical characterisation and/or formulation development. Experience in working as a research scientist in biotechnology and/or drug discovery in the biopharmaceutical industry and / or experience in one or more of the mentioned techniques is beneficial. The candidate will work as R&D scientist to support the R&D strategy.

The role is primarily based in the laboratory and involves state of the art analytical characterization of peptides, formulation development and biophysical characterization of aggregation states by various techniques. The candidate should work effectively in a fast-paced, dynamic, and exciting start-up environment.

Responsibilities:

- General support of our analytical R&D activities.
- Formulation development and characterization of chemical stability, aggregation states and structure in different formulations.
- Coordination with external partners to augment internal capabilities as needed
- Present work summaries, document work for archival, write SOPs.

Key skills:

- Experience with biophysical techniques to follow up aggregation state (e.g. DLS, UV, BMI, SEC, AF4-MALS) and structural properties of our Pept-ins™ (e.g. FTIR, CD, fluorescence spectroscopy) to support formulation development
- Experience with analytical techniques to follow up chemical stability of peptides / small molecules (e.g. HPLC, UPLC, LCMS).
- Troubleshoot and problem solve on an independent basis.
- Ability to adapt and adjust to changing priorities, and to take on new tasks.
- Motivated team player with the ability to efficiently manage their own work.
- Excellent organisational skills, eye for detail, diligent work ethics.
- Excellent written and oral skills (including English).

The company offers a competitive salary and benefits package.

Do you have the right qualifications, a bright mind, sharp instincts, collaborative spirit, and innovative vision and are you interested in joining our entrepreneurial team? Then forward a short motivation letter and your CV to careers@aelintx.com.