



Centexbel - Scientific Assistant

Job description

- **Search, evaluate and integrate** various data analysis tools to identify or categorize textile and polymer-relevant molecules and their degradation products in complex sample matrices.
- Conduct **research** aimed at determining the cytotoxicity of the identified compounds and correlating the olfactory characteristics of a sample with the chromatographic data.
- Contribute to all aspects of the **experimental pipeline** (excluding instrument maintenance & operation), including process samples, design experiments, analyse data, interpret experimental results, and summarise data for presentations and reports

Skills & experience

- **Master or PhD** in (Bio or Analytical) chemistry, Bioinformatics or other relevant scientific field
- **Expertise** in small molecules and/or protein-based omics pipelines (metabolomics, lipidomics, proteomics...)
- Proficiency in working with and building spectral libraries Experience in the use of **identification & annotation** methods for LC & GC MS data
- Ability to assess the statistical validity of the generated results

Optional skills & experience

- Experience in evaluating the cytotoxicity of identified components based on existing data or through homology with structurally similar molecules
- Ability to link **chromatographic data** to the olfactory properties of a sample
- Ability to use **AI-based techniques** to identify correlations in analytical data, particularly for the identification of compounds or the determination of olfactory or cytotoxic characteristics of a sample

We offer

- Permanent contract
- Group insurance
- Hospitalization insurance
- Eco vouchers
- Meal vouchers
- CAO-90 Bonus
- Growth and development opportunities

<https://www.centexbel.be/nl/over-ons>