



Galapagos is a drug discovery company with pre-clinical programs in bone and joint diseases and bone metastasis. Our service division BioFocus DPI offers a full suite of target-to-drug discovery products and services, ranging from target discovery and assay development to medicinal chemistry and predictive drug discovery. The company has established collaborations in drug discovery with most major pharma and biotech companies. Our research activities in five European countries and the US are successful thanks to our highly motivated staff of more than 450 employees, a unique technology base and a strong financial position.

For our site in Mechelen, Belgium we are looking for a scientist to further complete our Discovery Informatics team

Computational Chemist (m/f) full time MEC - 059

Job description

As member of the Discovery Informatics team, reporting to the group leader Computational Chemistry, your primary responsibility will be the application of computational methods to the discovery, optimization, and development of drug candidates. You will be involved in structure- and ligand-based drug design, compound selection, HTS data analysis and triage, target-family propensity prediction, virtual screening, and ADMET and physicochemical property prediction. You will be working closely with medicinal chemists, biologists, drug metabolism and other project team members to define and achieve project goals. You will also have the opportunity to participate in evaluating, developing, implementing and applying new computational methodologies and strategies.

Required skills and Experience:

A Ph.D. degree with extensive expertise and a strong track record in computer-aided drug discovery is required. Experience in the following areas is essential: structure- and ligand-based drug design, ADMET and physicochemical property prediction, multi-objective optimization, and dataflow tools (such as Pipeline Pilot). Experience with programming, scripting and/or query languages (such as C++, Perl, Python, SQL) is expected. Knowledge of scoring function development, (bio)statistics, physiologically-based pharmacokinetic modelling and/or quantum mechanics calculations would be a distinct advantage. Self-motivation and excellent interpersonal and communication skills are essential.

At Galapagos and BioFocus DPI we aim to recruit the best people, who stand out among their peers, with integrity and excellent interpersonal and organizational skills. Our employees are the strength behind Galapagos, a highly motivated team, eager to maintain Galapagos' leading position and achieve breakthroughs in pharmaceutical research. Galapagos offers a competitive remuneration package and a dynamic work environment.

Do you have the qualifications for this job opening and are up to the challenge of joining our entrepreneurial team? If so, please send your application (preferably by e-mail) to:

[Human Resources](#)
[Galapagos NV](#)
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