



If you are convinced that innovation is the key to improving patients' lives

Then you're one of us.



Innovative medicines for people and animals have for more than 130 years been what the research-driven pharmaceutical company Boehringer Ingelheim stands for. Boehringer Ingelheim is one of the pharmaceutical industry's top 20 companies and to this day remains family-owned. Day by day, some 50,000 employees create value through innovation for the three business areas human pharmaceuticals, animal health and biopharmaceutical contract manufacturing. In 2016, Boehringer Ingelheim achieved net sales of around 15.9 billion euros. With more than three billion euros, R&D expenditure corresponds to 19.6 per cent of net sales.

Principal Scientist in Computational Chemistry - 181247

Are you a data scientist with a strong background in machine learning and computational chemistry? Do you consider yourself a creative, enthusiastic and highly skilled scientist, who enjoys team work? Are you looking forward to identifying the next wave of First in Class drugs that could dramatically change the way we treat patients?

We are currently looking for a principal scientist in the Computational Chemistry group within the Medicinal Chemistry Department at our research site in Biberach.

Tasks & Responsibilities

- As a principal scientist you use and adapt machine learning / deep learning methods to enhance our NCE artificial intelligence and eDesign molecular design platforms.
- In collaboration with colleagues from Computational Chemistry, Medicinal Chemistry and IT, you co-develop the next generation of molecular design tools.
- As a member of interdisciplinary teams you support research projects with computational chemistry methods.
- You interact closely with colleagues from Medicinal Chemistry, Structural Research, Screening and Profiling, Screening Logistics as well as Pharmacology and Computational Biology.

Requirements

- PhD in computer science, chemistry, physics, mathematics or related discipline
- Excellent knowledge and practical experience with machine learning approaches, preferably deep learning
- Sound knowledge of computational chemistry methods with a focus on cheminformatics
- Familiarity with pharmacological and medicinal chemistry concepts
- Strong programming skills, preferably python
- Familiarity with machine-learning, data science and cheminformatics tool kits (scikit-learn, keras, tensorflow, pandas, rdkit)
- Familiarity with Unix/Linux and HPC environments
- Excellent communication skills in English and good interpersonal skills

Contact

Boehringer Ingelheim is an equal opportunity employer who takes pride in maintaining a diverse and inclusive workplace. We embrace all aspects of diversity and inclusion which benefit our employees, patients and communities. We look forward to receiving your online application!

For further information please contact Recruiting Services: Mrs. Yue Pan, Tel: +49 (0) 7351/54-188546

Seize the chance: careers.boehringer-ingelheim.com