Bayer is a global enterprise with core competencies in the Life Science fields of health care and agriculture. Its products and services are designed to benefit people and improve their quality of life. At Bayer you have the opportunity to be part of a culture where we value the passion of our employees to innovate and give them the power to change.

Your tasks and responsibilities

- Screen, develop and transfer new innovative approaches in Digital Phenotyping (e.g. sensors, deep learning, image recognition and classification)
- Drive the development of the Digital Phenotyping platform from acquisition and integration of sensor data to data analysis and data storage in collaboration with Engineering, IT and R&D
- Evaluate novel state-of-the-art Digital Phenotyping methods and technologies in pilot projects together with scientists from across R&D and use external trends to challenge internal ways of working
- Realize tangible value creation through integration and application of state-of-the-art Digital Phenotyping approaches in R&D projects
- Contribute to Computational Life Science (CLS) portfolio activities in close collaboration with computational scientists from other teams
- Support CLS portfolio strategy and -tactics, and drive the required change process from data-based to knowledge-based decision making
- Contribute to CLS technology scouting within R&D towards management of the CLS methodology and content, maintain and develop technologies portfolio to leverage synergies
- Drive integration of cutting-edge workflows and applications for capturing, processing and analyzing large phenotype data sets

Who you are

- Scientific degree (PhD or comparable) plus several years of working in Digital Phenotyping, image analysis and integration with sensor data from different sources
- Strong background as a data scientist in bioinformatics, computer science or computational biology
- Experience in applying artificial intelligence, deep learning and machine learning required
- Demonstrated ability to contribute in an international and dynamic R&D team
- Visionary mindset and ability to think and act strategically, combined with execution orientation
- Excellent communication and influential leadership skills combined with high ability to solve problems and to structure and simplify complex tasks
- Flexibility to adapt to changing environments and ambiguous situations with an out-of-the box mindset to open up new routes off the beaten path
- Fluent in English, both verbal and written

We are flexible on the location; any R&D site is applicable.

Your application

Are you looking for a new challenge where you can show your passion for innovation? Are you interested in working as part of a global team to improve people's lives? Then send us your online application including cover letter, CV and references.

Bayer welcomes applications from all individuals, regardless of race, national origin, gender, age, physical characteristics, social origin, disability, union membership, religion, family status, pregnancy, sexual orientation, gender identity, gender expression or any unlawful criterion under applicable law. We are committed to treating all applicants fairly and avoiding discrimination.