

Stellenbezeichnung: Postdoc in Pathology/Digital Pathology (m/f)

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.

Postdoc in Pathology/Digital Pathology (m/f)

We are looking for a highly creative and motivated Postdoc (m/f) with expertise in pathology to join our pathology & clinical pathology group in Berlin. The position is funded by a Bayer Life Science collaboration grant program for two years, which promotes state-of-the-art innovative research within the global Bayer organization.

YOUR TASKS AND RESPONSIBILITIES

- Act as active member (m/f) of a large interdisciplinary and cross-organizational team, including scientists from both Bayer Pharma and Crop Science divisions across Europe
- Collaborate with other scientists from research and/or mechanistic toxicologic pathology and the bioinformatics group as well as leading academic research groups
- Be responsible for the identification and selection of annotation parameters for developing and testing deep learning methods to segment and classify digital pathology images within toxicologic pathology
- Contribute to the implementation of a deep learning platform providing impact on digital toxicologic pathology as well as leverage data in pathology using deep learning
- Be part of a cross-organizational team, applying deep learning within the research and development organization on existing massive data sets
- Identify and select annotation parameters for histopathological findings for deep learning algorithmic set up
- Extensively validate and further improve the deep learning platform through comparing data set results with routine histology diagnostics and/or immunohistochemical staining results

WHO YOU ARE

- Pathologist (m/f) in veterinary or human medicine with a PhD degree or Doctoral thesis in pathology
- Expertise in tissue morphology and pathology
- Experience with digital pathology and image analysis would be a plus
- Highly creative and good problem solving ability as well as willingness to undertake challenging analysis tasks
- Ability to work effectively and independently in cross-functional teams in an interdisciplinary IT project
- Good communication and presentation capabilities
- Curiosity and passion for research
- Fluent in English, both written and spoken

FURTHER INFORMATION

This position is limited for two years.

The successful candidate is expected to start as soon as possible.

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.

Location: Berlin

Division: Pharmaceuticals

Reference Code: 21384