Job description for an internship as Junior pathologist at Janssen Pharmaceutica

Janssen Pharmaceutica is looking for a motivated junior pathologist or end-degree veterinary student, interested to join our department to participate to the BigPicture European Grant (bigpicture.eu). The position is open from early January 2023 until end April 2023.

- You will participate to a 6-year European project BigPicture which aims to create a repository of digital images by scanning the glass slides covering a range of disease areas and nonclinical studies. This repository will then be used to develop artificial intelligence tools that could aid in the analysis of slides. In total, the project plans to populate the repository with 3 million digital slides from humans as well as laboratory animals, along with all the information associated with them;
- Your role in this project will be to help select the studies that Janssen will contribute to the project, de-archive, control and help scanning those studies, review the digital slides and associated metadata for quality and completeness check, review the findings and adapt them to the vocabularies used in the grant, annotate the findings on the digital slides, participate in various meetings to better understand all the parts of the project (from the legal aspect to the technical part of metadata structure);
- You will also actively contribute to other smaller AI projects. The two current main topics are neuronal necrosis in the brain and testis lesions. You will participate to the elaboration and the improvement of deep learning models by annotating digital slides, participate to regular meetings, gather results of the models and actively participate as co-author to scientific publications.
- You will be under the supervision of senior pathologists, supporting you when ever needed;
- You will also take part in other projects in the meantime and participate to the daily activities of the pathologists.

For more information about the grant please contact Erio Barale-Thomas directly, who will be the manager of the candidate and contribute to the BigPicture project. You are also welcome to reach out to Fauve Versaevel, a junior pathologist who participates in the project from August 2021 and leaves for a period of 4 months (maternity leave). She is happy to share her experience with you.

What is in for you?

- Contributing to a huge European project aiming to improve the field of pathology
- Opportunity to develop your knowledge and skills in toxicologic pathology and digital pathology
- Chance to create a network of people working in the field of pathology all around the world
- Access to a huge library and connection with highly qualified people in the world of pathology, digital pathology, deep learning and many more
- Being part of an amazing team of specialists in pathology
- Flexible working hours (38 h/week), possibility to work at home for non-laboratory related tasks
- Interesting compensation (salary and advantages)
- Support for the preparation of the ECVP certifying examination

Qualifications

- Degree in Veterinary Medicine
- Interest in Veterinary Pathology
- Team spirit
- Self-motivation
- Independence
- Organization.
- Good level of written and spoken English (the colleagues who will supervise the candidate are also Dutch, French, German, Italian, and/or Swedish speaking; due to the location of the campus, Dutch is a bonus for social interactions and daily life, but not an obligation)

Location

Janssen Pharmaceutica
Turnhoutseweg 30
2340 Beerse, Flanders
Belgium

Description of the grant

Moulin P, Grünberg K, Barale-Thomas E, van der Laak J. IMI—Bigpicture: A Central Repository for Digital Pathology. Toxicologic Pathology. February 2021. doi:10.1177/0192623321989644

Presentation of the grant

IMI grant: https://www.imi.europa.eu/projects-results/project-factsheets/bigpicture
BigPicture website: https://www.bigpicture.eu

Contact details

Erio Barale-Thomas ebarale@its.jnj.com +33-769 46 63 95
Fauve Versaevel FVersaev@its.jnj.com