SFB1425 - Heterocellular Nature of Cardiac Lesions: Identities, Interactions, Implications

INF: Post-doc Project
based at the
Institute of Medical Biometry and Statistics

Information Infrastructure Project for Research Data Management

Background

To tap into the full potential of the research data gathered by projects of the CRC, processes and systems for research data have to be developed in accordance with the FAIR Principles, which have become the international standard for research data management (RDM). In the CRC three main data modalities occur (imaging, sequencing and clinical data) from multiple organisms (mouse, pig, human).

Project Description

The infrastructure project of the CRC develops user-friendly tools and approaches to foster a progressive Research Data Management culture in all partner labs. IT solutions covering also more complex data types will be planned and deployed in cooperation with local computing centres. Beside IT solutions and process development, also training modules will be provided for PhD students and other CRC researchers.

Qualifications and Requirements

- Strong motivation to develop Research Data Management solutions in a dynamic, interdisciplinary and supportive environment
- Experience in scientific data management or -analyses
- Strong programming skills
- Experiences in installation and operating complex software applications
- Excellent MSc or PhD in the fields required
- English language proficiency at level B2 or higher

Research Areas

Epidemiology and Medical Biometry/Statistics, Medical Informatics and Medical Bioinformatics

Tasks

- Developing and implementing RDM processes in the CRC
- Planning and setup of IT infrastructure
- Individual consulting in projects, teaching for groups

Applicant Background

Computer science, Bioinformatics, Biostatistics (or related with strong technical focus)

Starting Date

from 01/07-2020

Advisor

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