

P27: Strategic approach in planning a joint biobank of university and university hospital. The cooperation project JKU-KUK

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Introduction

The medical faculty of Johannes Kepler University Linz was founded in 2014. The faculty is located next to the university hospital, Kepler Universitätsklinikum. Implementation of a new, centrally organized biobank will enrich the local biomedical research output. A detailed concept project was carried out in order to plan a biobank that fits well with the local requirements and resource settings.

Methods

The planning process of the biobank was segmented into various fields, such as strategic focus of the biobank, infrastructure, biobank information management system (BIMS), finance and staff, consent management and data protection, governance and rules of use. The Austrian biobank node BBMRI.at served as a valuable network.

Findings

Accommodation of sample-related biobanking activities at three central points was judged as the appropriate model in the local settings. One BIMS and one QM for all 3 central points shall frame the biobank. In the course of planning, a time staggered approach turned out to be expedient, starting with focus on tissue banking and following with liquid sample biobanking.

Conclusion

Setting up a new biobank is strongly influenced by local conditions and needs a flexible approach to find an attractive setting. Strong interaction with networks such as BBMRI.at and BBMRI-ERIC is strongly beneficial. Intense work is needed to balance available resources and appropriate equipment and IT solutions in order to serve best the goal of producing high quality samples and data for upcoming research projects.

Keywords

biobank planning, concept project, modular approach