

Precision Medicine International (eduBRoTHER) Teaching international biobanking to medical students

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Introduction

Almost all medical students will encounter the work of biobanks in their future careers as physicians and scientists. However, the subject of biobanking and precision medicine is not yet integrated in the medical curricula. The project eduBRoTHER draws on that lack of professional input.

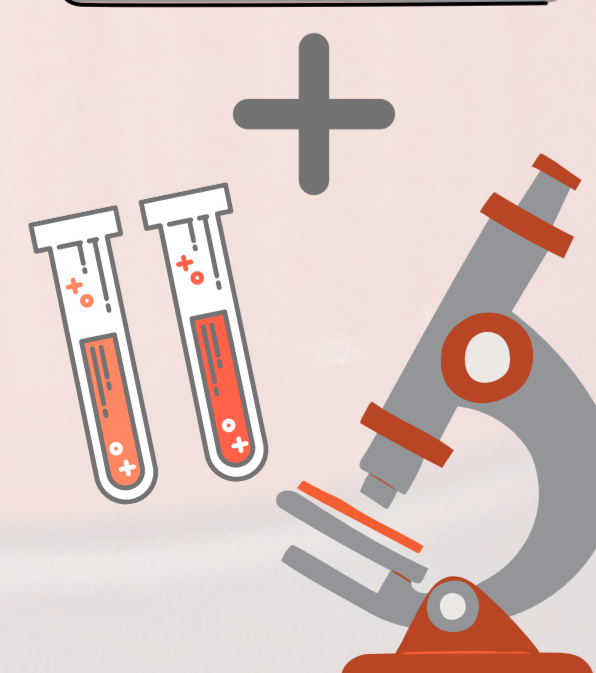
Students at the medical faculties in Regensburg and Pilsen are now offered a new course that focuses on the topics biobanking and personalised medicine. The course pursues the innovative approach of blended learning by combining e-learning methods with practical experiences in biobank labs of the two cities.

Aim

The course aims to introduce medical students to the the topics "biobanking" and "precision medicine".



In digital learning sessions the students are able to learn independently about important issues in the field of biobanking.

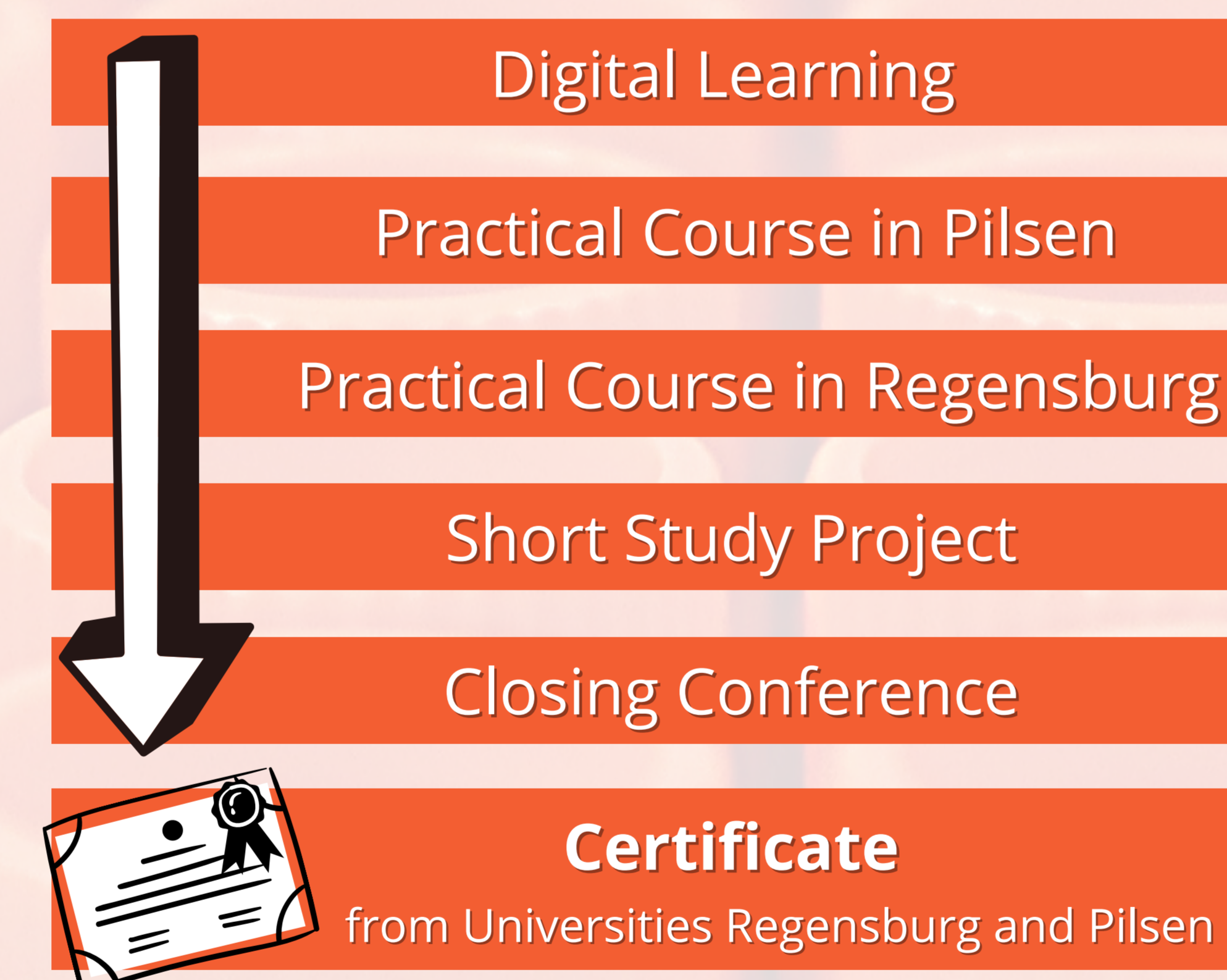


In two practical courses the students are able to intensify their knowledge in hands-on trainings and workshops.

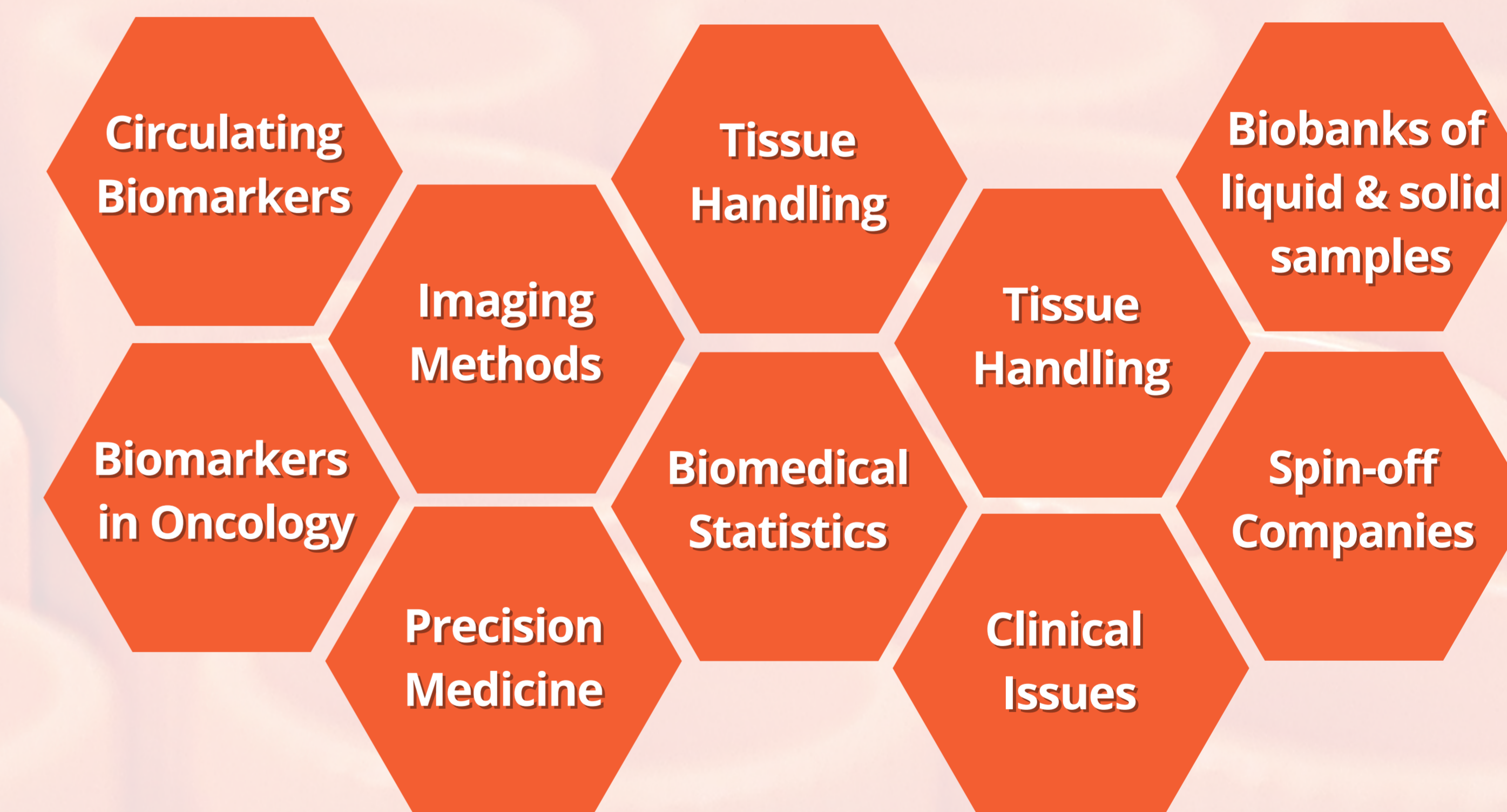
The Course Concept

The course focuses on the innovative fields of biobanking and precision medicine – medical disciplines that are linked to rapidly evolving research and technologies. It consists of digital learning units that are combined with practical courses in Regensburg and Pilsen, which is a perfect possibility to start networking in an international environment. In small study projects, students can strenghten their skills in working scientifically and presenting their work at a closing conference.

Course Execution



Course Topics



The BRoTHER-Network

The biobanks of Regensburg and Pilsen are cooperating since 2017 in the project BRoTHER (Biobank Research on Telemedical Approaches for Human Biobanks in a European Region), and have made valuable experiences in biobank education with the BRoTHER biobank summer school and a voluntary student exchange programme. Based on these experiences the EU-funded project eduBRoTHER allows to evolve with the focus on education.

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