

European INNOLABS Innovation

Boot Camp

February 7-8, 2019 @

Technical University of Applied Sciences

Wildau, Germany

Application Sheet

1. Name, affiliation, contact data

Name	
My university	
Nationality	
Address	
Email	
Telephone number	

Your field of study

What is your area of study?	
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What level in the curriculum are you at?

2. Your experience with technology transfer

How much experience do you have translating knowledge and/or an idea into an innovative product/service?



The following challenges has been addressed to work on within the IBC. Please choose 3 of them in which you would like to work. Please rank the three selected as follows: 1 = highest interest-3 lower interest).

Challenge

1. Development of advanced optics for the Oculyze microscope. *The mobile smartphone microscope from Oculyze uses a simple optic, which consists of a ball lens to achieve a 400x magnification, which is sufficient for previous applications. For applications in the medical diagnostic field, in particular for the blood analysis, a higher magnification and better image quality is desirable.*

Your ranking

2. Development of a motorized microscope stage for the Oculyze microscope system *With the Oculyze mobile smartphone microscope, samples can be examined at a magnification of 400x but the slide has to be moved by hand to take several pictures. For use in the field of medical diagnostics, in particular for blood analysis, automated recording of many images is desirable in order to be able to assess all cell types in a differentiated manner.*

3. Implementation of a CRM interface Mobile App to advance and streamline our customer service *(e.g. Illustration of a production chain).Biomes develop, produce and sell the interdisciplinary product INTEST to easily and conveniently analyse the gut-microbiome.*

3. Reasoning for applying to the selected challenge

Specific Challenge being addressed

[Describe why you chose to address this challenge and why do you think you can make a difference and provide out of the box solutions a max. number of characters is 1000]