Figure: Sana-D

Project and topic description

Diagnosis and therapy of psychiatric disorders is difficult and these diseases are often chronic.

Low-grade inflammation and vitamin D deficiency plays an important role in psychiatric disorders and their comorbidities. The development of innovative and sensitive inflammation platforms is therefore paramount in order to discover, treat and monitor these processes.

We are convinced that our planned start-up Sana-D, with its patented inflammation innovation, can improve the quality of life of patients suffering from psychiatric diseases. You think that is a great cause? So do we.

Task description

In this thesis you are responsible for researching and identifying valuable information by

- Conducting fundamental research and in-depth analysis on the impact of the Corona pandemic on venture capital for Munich MedTech start-ups.
- Conducting fundamental research on the in-vitro diagnostic market in Europe and USA.
- Identification of growth levers through the research data and use them to drive the business forward.
- Building financial plans and control systems for key business and financial ratios.
- Evaluation of cost and revenue structure of product and engineering process.
- Presentation of the results in front of business experts and investors.

Requirements

- Ongoing master studies at TUM in TUM-BWL, management, finance or similar.
- Quantitative, analytical and problem-solving skills, combined with a good level of initiative and ability to thrive in a dynamic start-up environment.
- Proactive, self-organised and high commitment.
- Interest in in-vitro diagnostic market, MedTech and medical device development.
- Interest in psychiatric and neurological disease and the development of innovative treatment strategies.
- Comfortable speaking both English and German on a highly proficient level.

What we offer

- Participation in the TUM Entrepreneurial Masterclass (own selection process required) and impact-driven master thesis with full integration in the entrepreneurial ecosystem of TUM and UnternehmerTUM.
- Integration in a young team of ambitious entrepreneurs who offer a dynamic and open work environment.
- Collaboration with university, clinical and industrial partners.
- Option to join the planned start-up that has the vision to commercialize an innovative inflammation diagnostic to improve the life of people living with mental disease.

Interested? Join us on our mission!

Kontakt
Ute-Christiane Meier, PD, DPhil (Oxon)
Institut für Laboratoriumsmedizin
Klinikum der Universität München
utemeier@hotmail.com

Kontakt
TUM Entrepreneurial Masterclass
Yasmina Trautmann, Niclas-A. Mauß
masterclass@tum.de