

Somar Israel Domingo Fernando

Doctoral Program in Comprehensive Human Science

2022 SPARK Biomedical Innovation and Entrepreneurship Training Course

The training course was held from July 4th to 15th, 2022. It is composed of a series of lectures and workshops that is scheduled for the entire duration of the training course. The training was headed by Professor Michael Wallach, Director of the SPARK Oceania and Dr Isabella Hajduk, Project Manager of the Center for Innovative Medical Research. This course was composed of participants from Australia, Taiwan and Japan with different medical specializations and backgrounds. The lectures were delivered by different professionals in the field of Medicine and Biomedical entrepreneurship in which enormous knowledge and details were provided and shared to each of the participants.

The training course gives us better understanding on how biotechnology projects, including drug development, medical devices manufacturing, and general medical science are created, managed, and gets funding. The main task of the training course is to develop a new product/project that solves an existing problem in the medical field and pitch these ideas to potential interested parties. All the participants were divided into 7 groups with 4 members each. It was my honor to be in a group of a diversely talented professionals in the field of Medicine. Our group is composed of a Radiology Doctor from Taiwan, Biomedical Engineering Master student from Taiwan and Humanics PhD student from Japan.

Each training exercise and workshop were arranged in a group discussion manner where we can all brainstorm our own ideas and come up with an ultimate idea that will corresponds to our main goal. Dr. Michael and Dr. Isabella is monitoring each group and giving them valuable feedbacks on their projects to further improve it. It was a hectic and busy 2 weeks training course because of all the tasks and exercises that needs to be accomplished but it was all worth it.

In our group project, we applied and incorporate all the things that we learned from the lectures including the intellectual property protection, proof-of-concept, business model,

marketing strategy and company and product profiling. Our group had the best two weeks of training as we are all happy and excited on all the things that we discovered about Biomedical entrepreneurship. We had a lot of fun preparing our 5-minute pitch and the final project presentation. We made sure to tackle all the important details about our project and prepared for all the possible questions about our inventions.

We did our best and presented our company together with our invention to everyone including the panel of judges. We received lots of questions, but we managed to answer it and discuss the uniqueness and novelty of our invention. We are all glad on how we managed to deliver our project presentation to everyone. At the end of training course, the organizers announce the best pitch award. We are amazed on how our group won the best pitch award. It was a great experience to be one of the participants in this training course. I didn't only acquire lots of knowledge but also meet a lot of professionals in different field in which eventually become my friends.

I am grateful to T-CReDo for selecting and sponsoring me to participate in this training course. I would also want to extend my gratitude to the SPARK organizers for giving us a wonderful experience. I do hope that more participants from Japan will be able to join this training course next time as it was informative and worth it.

This is the company that our group created.



Nailil Husna

Chief Operating Officer (COO)
Head of Pre-clinical Testing
Department



Chen-Hua Chiang, MD

Chief Medical Officer (CMO)
Head of Clinical Testing Department



Hao-Pin Chiu

Chief Marketing Officer (CMO)
Head of Product Marketing R and D
Department



Somar Israel D. Fernando

Chief Scientist (CS)
Head of Product R and D department

