Looking for co-founder for a young bio-photonics startup

OM-LoT’s mission is to make cancer diagnosis and treatment fast, accessible and non-invasive

- Current Founder: Dr Asa Asadollahbaik,
  - Inventor of the technology,
  - Optics and Photonics scientist
  - More than 10 years of experience within most prestigious research centers such as Southampton (UK), and KIT and University of Stuttgart Germany (LinkedIn)
Looking for co-founder/s with either of the following expertise:

1. Molecular/Cell Biology, OR Medical doctor, OR expert from pharma space
2. AI expert Preferably with experience in bio data analysis
3. Optics and Photonics, with focus on hands on and experimental work

• Highly ambitious and hard working, willing to commit to a long term project (3+ years)
• Preferably fluent German speaker (the language of the company is English)

Current state of project:

• Defining business model based on customer interviews
• Transforming the developed technology to tumor cell testing phase
• The project is at early stage and we should build it together 😊
About the project

OM-LoT (Optical Micromanipulation Lab on Tip)’s mission is to make cancer diagnosis and treatment options fast, accessible and non-invasive, to reduce the difficulties for cancer patients by shortening the time of the diagnosis and screening process to less than a day while being almost 10X cheaper.

At OM-LoT, we are developing a device which makes the process of cancer cell detection and stratification, faster and simpler. In our process, cancer related cells are collected from patient’s blood sample. These cells are then characterized and arranged into subgroups based on their unique optical properties and by means of our propriety optical spectroscopy device. Using our AI based analysis on the correlation of cancer cell subgroups with their therapeutic effects, the correct therapy is then identified and suggested to the doctors. This process is complete in one or two hours. Our approach does not require removal of organ’s tissue and hence it is less risky for the patient; it does not require DNA sequencing; thus it is cheaper. OM-LoT is a point of care device that provides a more accurate therapy to the patient in a shorter amount of time and at a lower price.

If interested, please contact Dr Asa Asadollahbaik, a.asadollahbaik@gmail.com