

SEBI – surface-enhanced biomedical imaging

SEBI is a nano tech substrate added to glass slides used in microscopy that 100 folds biomedical imaging without requirements to upgrade or modernize existing fleet of equipment. We are looking 1M€ to transfer IP from University and to establish company. Aside from IP, most of investment requirements goes to sales and marketing activities, building mass production capabilities and building solid proof of concept and product development to expand high volume application areas.

PROBLEM/OPPORTUNITY

A major problem of present optical bioimaging is lack of sensitivity to see details of cells. We have recently discovered that by engineering the surface on which the cells or mounted it is possible to enhance 100 times compared to the coverslip glass. With our innovation everyone can:

- 1) Use same laser power and see 100 times better
- 2) Use only portion of power and still see much better than before
- 3) Use 100 times less power and see as good as before

Our product fits as is to all research laboratories to enable visibility as not seen before and same time expand lifetime for existing fleet of equipment as one don't need to buy new microscope. We have filed patent for our innovation.

BUSINESS SUMMARY

We aim to focus with current ready product to world best research labs in the globe to get them as our customers and solid proof of concept and then either license it and sell IP to current glass slide manufacturers. While developing more high-volume products/application areas to deliver next stage revenue streams.



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SPARK VALUE

The SPARK program enable us to find pilot customers and science groups throughout the world for validation process and building various proof of concepts as well as investors.