

SPARK TEL AVIV Educational Meeting

Dr. Asaf Toker

Matricelf CEO

Regenerating the future of medicine

FTF MEETING

Wednesday, 11 July 2022

13:00-15:00

Katzir Hall, Jack Green
Building of Biotechnology
Tel Aviv University

- Will we be able to print organs?
- Will paralyzed patients will be able to walk again?
- Can we cure diabetes?



Asaf Toker, Matricelf CEO, is a medical doctor practicing as a pediatrician.

He holds a biotechnology engineering and health systems administration degree from Ben Gurion

University. Dr. Toker served in several executive positions in the private and public healthcare system and served as a director in several biotechnology and medical device companies.

Matricelf (TASE:MTLF) is a biotechnology company in the field of tissue engineering.

The company develops a platform for autologous (personal) 3D printing of tissues and organs that significantly reduces the risk of implant rejection.

Using a single biopsy from the patient we develop tissues (cells and scaffold) that we can 3D print, inject or simply place where needed.

Matricelf's technology aims to completely regenerate the future of medicine.

The company completed a successful pre-clinical studies in a number of medical conditions such as acute Myocardial Infarction, Parkinson's Disease, Age-related Macular Degeneration, and more.

Our first indication is Spinal Cord Injury. (SPI)

Each year, there are tens of thousands of new cases of traumatic Spinal Cord Injuries that usually lead to paralysis.

Considering the fact that SCI patients have no suggested treatments and are expected to spend their life in a wheelchair motivated us to further develop the technology and specifically SCI implants.

In our pre-clinical animal studies, mice treated with our implants regained their walking ability both in acute and chronic spinal cord injury models.

The company was established in 2019 by Professor Tal Dvir of the Laboratory for Tissue Engineering and Regenerative Medicine from Tel Aviv University.

<https://matricelf.com>