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Company Name	3 - D M a t r i x , L t d .
A d d r e s s	3-2-4, Kojimachi, Chiyoda, Tokyo
P r e s i d e n t	Kentaro Takamura
Code Number	7777
C o n t a c t	Director Tomoyuki Arai
T E L	+81 3 (3511)3440

Patent Granted on “Modified Peptide”
with Self-assembling Peptide Technology

3-D Matrix, Ltd. (3DM) announces that it received notice of the patent granted in Japan concerning application of self-assembling peptide technology exclusively licensed by Massachusetts Institute of Technology (MIT) to cell culture. The patent has been already granted in the US.

[Title of invention] Self-Assembling peptides incorporating modifications and methods of use thereof

[Patent number] No.5057781

[Patent holder] Massachusetts Institute of Technology

This patent is concerning the incorporation of self-assembling peptides with short motif sequence which activates biological function. The patent is also concerning the method and application of effective cell culture on three-dimensional scaffold by the modified self-assembling peptides with short motif.

It has been confirmed that the growth of cells from bone, skin, cardiac muscles and nerves on modified peptides is better than the growth of cells on existing unmodified peptides. The more researches are currently underway.

3DM continues to promote research and development in regenerative medicine field using this patent. Though our research is at basic level currently, we are going to develop effective medical device for regeneration of bone, skin, and organs, and expand our corporate value.

This patent granted does not influence the earning forecast of 3DM at this moment.