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[Delayed] Patent Granted on "Hepatic and Pancreatic Regeneration" with Self-assembling Peptide Technology

(This original disclosure in Japanese was released on May 28, 2013 at 16:00 (GMT+9))

The company hereby announces that the patent concerning application of hepatic and pancreatic regeneration jointly applied by Okayama University and the company was granted in Japan.

[Title of invention] Cell Cultivation Method and Cell Culture
[Patent number] JP5263756
[Patent owner] Okayama University, 3-D Matrix, Ltd.

This patent relates to the methods and its application of cultivation with scaffolds of self-assembling peptide and shows that cultivating hepatic cell or pancreatic islets in three dimensional scaffolds using self-assembling peptide is available. Dr. Naoya Kobayashi (Chairman of Okayama Saidaiji Hospital, former lecturer of Okayama University) publishes results for clinical practice in his paper or academic conferences relating to this field.

In the field of cultivation of hepatic cell or pancreatic islets, it is known that function of cell disappears by subculture upon two dimensional (flat) culture media and cultivation of functioning cell is difficult. The method of three dimensional cultivation shown in this patent becomes one of the cultivation methods which keep functions of hepatic cell and pancreatic islets.

The company is promoting research and development in regenerative medical field using this patent. In this field, regeneration of bone and skin is at development phase and organs at research phase. We are going to develop effective medical products and to expand our corporate value.

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