



Biomedical Engineering Seminar Series

2nd Semester, Academic Year 2016

Date: March 7, 2017

Time: 10.00-11.00 AM

Room 6373, 3rd level, Building 3,
Department of Biomedical Engineering,
Faculty of Engineering;
Mahidol University



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Department of Pediatrics,
King Chulalongkorn Memorial Hospital

"Alginate Microencapsulated Hepatocytes Optimised for Transplantation in Acute Liver Failure "

Intraperitoneal transplantation of alginate-microencapsulated human hepatocytes is an attractive option for the management of acute liver failure (ALF) providing short-term support to allow native liver regeneration. The main aim of this study was to establish an optimised protocol for production of alginate-encapsulated human hepatocytes and evaluate their suitability for clinical use.

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