

BIOTECHNOLOGY/BIOMEDICAL SCIENCES

- 1) With the backing of an RDAS grant of \$374,000, the **Department of Microbiology, NUS, and Gold Coin Singapore Pte Ltd.** are undertaking a project to determine the commercial value of mass producing a strain of *Chlorella* for carophyll yellow. Many of the applied R&D projects are used locally in production and manufacturing companies.

The NUS Microbiology Department has engaged in technology transfers and is very interested in continuing to participate in such arrangements.

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Source: RDAS Update, Science Council of Singapore, May/Jun 1990.

- 2) One of the largest RDAS grants (\$1,199,300) was given to the **Department of Surgery, NUS** in collaboration with the Department of Hematology, NUH, to develop an ex vivo liver support system for sustaining, short term, the liver in sudden liver failure patients. The final product will be a commercially available portable system.

Another project under the Division of Transplantation, Department of Surgery, is the five-year "development of a rapid and automated process for vital cell transplantation in type I Diabetes Mellitus".

The Department of Surgery is interested in technology transfer and feels that their level of technology is sufficiently high.

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Source: RDAS Update, Science Council of Singapore, May/Jun 1990.