



STEMCELL UNITED LIMITED
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Company Announcements Platform
Australian Securities Exchange

Collaboration with Singapore Temasek Polytechnic on Seagrape project

Stemcell United Limited (ASX:SCU) ("Company") is pleased to advise that it had signed a collaboration agreement with Temasek Polytechnic of Singapore to conduct joint research on the application of plant stem cell technology to the cultivation and commercial farming of seagrapes (*Caulerpa Lentillifera*) in Singapore.

Temasek Polytechnic is the third polytechnic established by the Singapore government. Polytechnics are industry focused institutions of higher learning. In addition to doing joint research and cultivation, SCU personnel will also be giving lectures and seminars to Temasek Polytechnic students on topics relating to the project.

The collaboration agreement will run for 2 years.

On the collaboration agreement with Temasek Polytechnic, Mr Philip Gu, SCU CEO/executive chairman commented:

"Seagrapes are mainly consumed as food in the Indo-Pacific region. Also, traditionally, seagrape extracts are used to treat high blood pressure, rheumatism, and diabetes, as well as to treat bacterial and fungal infections (Sharma et al. 2015)¹. The collaboration is a response to the Singapore Government's "30 by 30" initiative which aims to increase Singapore's local food production from its current level of 10% to 30% by 2030. The Covid-19 pandemic has added additional urgency to Singapore's food security concerns. The national interest in having sufficient plant-based food and natural micro nutrition supplies became even more apparent as countries closed their borders to stem the spread of the virus."

This announcement has been authorised for release by the board of Stemcell United Ltd.

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¹ Sharma, B.R., Kim, H.J. & Rhyu, D.Y. Caulerpa lentillifera extract ameliorates insulin resistance and regulates glucose metabolism in C57BL/KsJ-db/db mice via PI3K/AKT signaling pathway in myocytes. J Transl Med 13, 62 (2015)