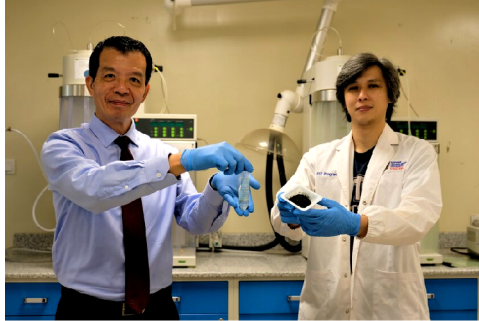


## Using microalgae to produce an alternative to palm oil



NTU Singapore scientists have developed a method to effectively produce and extract plant-based oils from a type of common microalgae.

As the oils produced from the microalgae are edible and have superior properties as those found in palm oil, the newly discovered method would serve as a healthier and greener alternative to palm oil.

Compared to palm oil, the oil derived from the microalgae contains more polyunsaturated fatty acids, which can help reduce 'bad' cholesterol levels in blood and lower a person's risk of heart disease and stroke. The microalgae-produced oil also contains fewer saturated fatty acids, which have been linked to stroke and related conditions.

The algae oil innovation presents a possible alternative to the cultivation of palm trees for oil. It also reflects NTU's commitment to mitigating our impact on the environment, which is one of four humanity's grand challenges that the University seeks to address through its NTU 2025 strategic plan.

/Public Release. This material from the originating organization/author(s) may be of a point-in-time nature, edited for clarity, style and length. The views and opinions expressed are those of the author(s).View in full [here](#).



[Why?](#)

Tags: algae, blood, cholesterol, disease, environment, heart, heart disease, Humanity, Impact, innovation, microalgae, Nanyang Technological University, oil, Scientists, Singapore, stroke, university

### You might also like



Alfresco street dining to grow under \$5 million Covid rebate program



Call for overhaul to aged care with advance care planning



Special Circumstances funding boost to help child care services through flood...