

INAUGURAL PROFESSORIAL ADDRESS

PUBLIC LECTURE SERIES 2020

AUT



PROFESSOR
JUN LU

Nutraceuticals for better health

TUESDAY
6 OCTOBER

4.30–5.30pm

AUT City Campus
WA Conference Centre
55 Wellesley Street East
Auckland 1010

To register for this event,
please [CLICK HERE](#)

Refreshments will be served
after the address.

We are what we eat. Humans probably have the widest range of sources of food in the animal kingdom and we now know that consuming the right food and supplements can prevent certain diseases. At the same time governments have realised the importance of disease prevention in reducing the health burden on society. Hence, nutraceuticals (any product derived from food sources with extra health benefits beyond basic nutritional value) have become an attractive field of health and biomedical research. Professor Jun Lu is an expert in biomedical science, researching the use of biomedical and pharmacological tools to study nutraceuticals for human health. His focus is extracting bioactive components from food, particularly seafood, and investigating their various health benefits to treat non-communicable diseases such as diabetes. His research also extends to finding biomarkers for predicting diabetes risk. In his inaugural professorial address, Professor Lu will discuss the development

of nutraceutical research in New Zealand seafood products, including seaweed, clams and mussels, with a special focus on natural compounds extracted from seaweed, including fucoxanthin and fucoidan.

Jun grew up in Shanghai, China and went to East China Normal University to study Environmental Science. He moved to New Zealand and pursued a master's degree in marine biology at the University of Auckland. A twist in the fate saw him go on to complete a PhD degree in cancer pharmacology instead of marine biology and then spend six years on diabetes research as a research fellow at the University of Auckland. He moved to AUT in 2009 and established a biomedical science major and a biomedical research laboratory in the AUT School of Science. Internationally, he is the Editor-in-Chief of the section "Drug Discovery and Development" of the journal *Biomedicine* (impact factor 4.717), an editorial board member of *Biomolecules* (impact factor 4.082), an Associate Editor of journals *Frontiers in Pharmacology* (impact factor 4.225), *Frontiers in Nutrition* (impact factor 3.365) and *Heliyon*.

