

Research Fellow at NUS FST

There is an opening for a Research Fellow in Prof. Zhou Weibiao's research group at the Department of Food Science and Technology, National University of Singapore. The candidate is expected to work under the supervision of the principal investigator to extend the shelf-life of fresh produce through novel intervention methods. Details of the position are as follows:-

Position: Research Fellow

Principal Investigator: Prof. Zhou Weibiao

Educational Qualifications: PhD in food science and technology or a closely related field such as microbiology or biological sciences.

Skills:

Required -

- i. Experience in developing intervention methods to extend the shelf-life of fresh produce
- ii. Analytical methods such as HPLC, flow cytometry, SEM & CLSM.
- iii. Molecular biology techniques, e.g. DNA & RNA extraction, whole genome sequencing and next generation sequencing
- iv. Excellent scientific communication skills - manuscript writing, oral presentation
- v. Passion in training and mentoring junior researchers
- vi. Capability of demonstrating original scientific thought
- vii. Ability to meet tight deadlines

Desired -

- i. Culturing of bacterial and fungal (mold) cell lines
- ii. Statistical techniques such as design of experiments & mathematical modelling
- iii. Technology scale-up and translation
- iv. Working in and leading multidisciplinary research teams

Contract: 1 year, renewable, subject to candidate performance & project progress

Salary: 5,000 - 6,500 S\$/month, including medical insurance and CPF

Start Date: The position is available immediately.

Interested applicants should send a cover letter, CV and list of publications to Dr. Vinayak Ghate at fstvg@nus.edu.sg.