

DR. TAN JOO SHUN

B. Sc. (Hons) (Biotechnology, UTAR), PhD. (Bioprocess Engineering, UPM)

Senior Lecturer

School of Industrial Technology, USM

jooshun@usm.my

CITATION INDICES



TEACHING EXPERIENCE



RESEARCH & PUBLICATIONS

COMPLETED GRANTS	15	JOURNALS (ISI/SCOPUS)	106
ONGOING GRANTS	3	MONOGRAPH	0
BOOKS	1	PATENT	2
CHAPTER IN BOOKS	1	COPYRIGHT	5

RECOGNITION & AWARDS

- Anugerah Perkhidmatan Cemerlang 2018 & 2021
- Hadiah Sanjungan 2018-2021
- Gold medal, Silver medal and Bronze medal Pameran Reka Cipta, Penyelidikan dan Inovasi (PRPI) 2014
- Consultant for Biotechnology Companies
- Member of a Panel Discussion/Forum for Impact Study of National Biotechnology Policy (NBP)



SERVICE TO UNIVERSITY

SCHOOL COMMITTEE

- Committee Member of OBE & Accreditation PPTI, 01/01/2022-31/12/2024
- Quotation Technical Assessor, 01/11/2020-31/12/2022

LAB MANAGER

- Biofermentation Unit, Analytical Biochemistry Research Centre (ABrC), 02/09/2021-02/09/2022

YOUNG SCHOLAR

- Program Apex Young Scholar (APEX YS) 2021, 13/08/2021-31/12/2021

TEACHING & SUPERVISION

TEACHING:

- Theoretical and practical exercises of bioreactor system and modes of fermentation.
- Scaling up from laboratory scale microbial fermentation to pilot scale fermenter.
- Experimental design with applications in bioprocessing.

RESEARCH:

- Postbiotics and bioactive metabolites produced by probiotics via fermentation and purification processes.
- Sustainable bioprocessing and biomanufacturing with the aid of a biocatalyst such as an enzyme and probiotics.



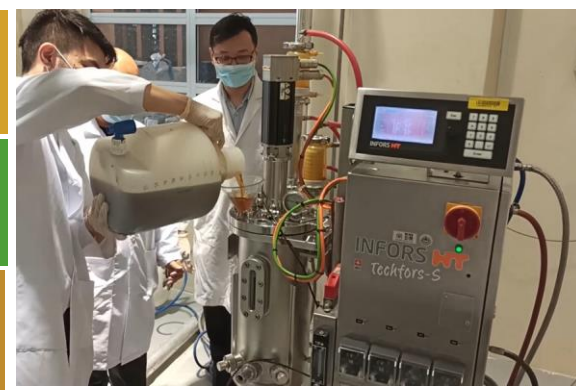
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ACADEMIC PROFESSIONAL SERVICE

VISITING PROFESSOR	1
EDITORIAL BOARD	3
JOURNAL REVIEWER	60+
ACADEMIC ASSESSOR	3
PROFESSIONAL EXAMINER	14
KEYNOTE SPEAKER	3
PROFESSIONAL MEMBERSHIP	9