

DR. MOHAMAD HAFIZI ABU BAKAR

Bachelor of Biomedical Science (Hons) (IIUM), PhD in Bioprocess Engineering, UTM

Senior Lecturer

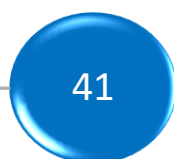
School of Industrial Technology, USM

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CITATION INDICES



H-index



Publications



Citations



TEACHING
EXPERIENCE



RESEARCH & PUBLICATIONS

COMPLETED GRANTS	2	JOURNALS (ISI/SCOPUS)	41
ONGOING GRANTS	3	CONSULTATIONS	5
CHAPTER IN BOOKS	2	COPYRIGHT	1

RECOGNITION & AWARDS

- Outstanding Contribution in Reviewing Journal
Journal: Metabolism - Clinical and Experimental, Reviewer Award - Elsevier, Elsevier, Amsterdam, Netherlands, 2017
- Faculty Development Program - Biocon Academy
Biocon Limited & Ministry of International Trade and Industry, Malaysia, 2019
- Best Postgraduate Student Award (Doctor of Philosophy in Bioprocess Engineering)
UTM 56th Convocation, Universiti Teknologi Malaysia, MALAYSIA, 2016
- Anugerah Sanggar Sanjung
Universiti Sains Malaysia (2019,2020,2021)
- Anugerah Perkhidmatan Cemerlang (APC)
Universiti Sains Malaysia (2021)

SERVICE TO UNIVERSITY

PROGRAM CHAIRPERSON

Bioprocess Technology Division, PPTI, USM (January 2022 - current)

USM BIOSAFETY ETHICS COMMITTEE

- Unit Keselamatan dan Kesihatan Pekerjaan (UKKP), USM (2017-current)

USM-IPHARM Research Fellow

- Malaysian Institute of Pharmaceuticals and Nutraceuticals (2019-current)

TEACHING & SUPERVISION

TEACHING:

- IBG207 - Cell & Tissue Culture Technology; IMK227-Biochemistry; IBG205-DNA & Metabolite Technology; IBK315-Bioinformatics.

RESEARCH:

- Nutrient sensing and metabolic signalling integration; Mammalian cell culture technology; Systems biology for biomarker discovery in metabolic diseases (obesity and type 2 diabetes)



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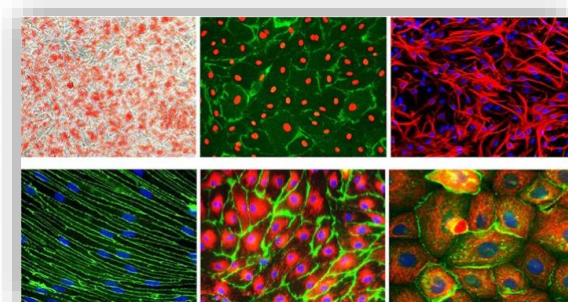


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Areas of Expertise

Cell-based Assay Technology

Omics Technology



ACADEMIC PROFESSIONAL SERVICE

VISITING RESEARCHER	1
EDITORIAL BOARD	5
JOURNAL REVIEWER	111
TECHNICAL ASSESSOR	4
PROFESSIONAL EXAMINER	1
INVITED SPEAKER	5
PROFESSIONAL MEMBERSHIP	4