

PROFILE		
1	NAME	Nor Hayati Abu Samah
2	ACADEMIC POSITION	Senior Lecturer
3	STATUS OF APPOINTMENT	Permanent
4	CITIZENSHIP	Malaysian
5	EDUCATION	PhD (Pharmaceutical Technology), Welsh School of Pharmacy, Cardiff University, United Kingdom – 2011 Bachelor of Pharmacy (Hons.), Universiti Teknologi MARA (UiTM), Malaysia – 2006
6	WORKING EXPERIENCE	<ul style="list-style-type: none"> ● Senior Lecturer (DUF54), Faculty of Pharmacy, UiTM, Puncak Alam, 25 Feb 2016–present ● Lecturer (DM51) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 1 Jan 2010–30 Sept 2015 ● Provisionally-registered Pharmacist (U41), Sultan Haji Ahmad Shah Hospital (HosHAS), Temerloh, 2006 – 2007.
7	CURRENT ACADEMIC RESPONSIBILITIES	<ul style="list-style-type: none"> ● PHC413: Physical Pharmacy (lecture and practical) ● PHC463: Fundamentals of Pharmaceutics (lecture and PBL) ● PHC510: Drug Delivery Systems (lecture) ● PHC560: Nutraceuticals (PBL and practical) ● PHC610: Research Proposal (lecture and supervisor) ● PHC611: Pharmaceutical Industry Practice (lecture and PBL) ● PHC632: Research Project (supervisor) ● PHC672: Industrial attachment (supervisor)
8	RESEARCH INTERESTS/ PROJECTS	<ul style="list-style-type: none"> ● Transdermal, topical and oromucosal dosage form design and delivery ● Cosmetics ● Nanoparticles ● Lyophilisation
9	PUBLICATIONS	2019-current Book

- Mohd Suhaimi A, A. Wahab I, Abu Samah NH, Zamri PJ, Zainal ZA. Prescription Screening, Labelling, Filling & Dispensing: A Step-by-step Guide for Pharmacy Students. UiTM Press. 2023

Journal articles

- Amina Ahmady, Nor Hayati Abu Samah. A review: gelatine as a bioadhesive material for medical and pharmaceutical applications. *Int. J. Pharm.* 2021;608:121037. DOI:10.1016/j.ijpharm.2021.121037
- Mohd Suhaimi A, Khairul Azam S, Abu Samah NH, Ariffin SA, A Wahab I. Factors affecting non-retention in methadone maintenance treatment: a retrospective study in Cure and Care Centre Chow Kit, Malaysia. *Int. J. Pharm. Sci. Res.* 2020;11(2):820-25. DOI: 10.13040/IJPSR.0975-8232.11(2).820-25
- Sheshala R, Anuar NK, Abu Samah NH, Wong TW. In vitro drug dissolution/permeation testing of nanocarriers for skin application: a comprehensive review. *AAPS PharmSciTech.* 2019;20(5):164. DOI:10.1208/s12249-019-1362-7
- Hussain M, Sahudin S, Abu Samah NH, Anuar N. Students' perception of an industry-based approach problem-based learning (PBL) and their performance in drug delivery courses. *Saudi Pharm. J.* 2019;27(2):274-82. DOI:10.1016/j.jsps.2018.11.009

Conference papers

Published papers:

- Ahmady A, Ariffin SA, Abu Samah NH. Cytotoxicity of a Temperature- and pH-sensitive Poly(N-isopropylacrylamide-co-acrylic acid) Polymer and Its Monomers on BJ Cells. The Virtual 3rd International Research Network Initiative (IRNI) Symposium; 2022 Nov 23-24; Malaysia. *Malaysian Journal of Medicine and Health Sciences.* 2023;19(Supp 7): p 38-29
- Ahmady A, Anuar NK, Abu Samah NH. Effect of Tannic Acid on The Functional Properties of Gelatine Films. The Virtual 3rd International Research Network Initiative (IRNI) Symposium; 2022 Nov 23-24; Malaysia. *Malaysian Journal of Medicine and Health Sciences.* 2023;19(Supp 7): p 40-41.
- Ahmady A, Anuar NK, Wui WT, Abu Samah NH.

		<p>Mussel-Inspired Gelatine Films for Buccal Application: GelTA. International Research Network Initiative (IRNI) & International Postgraduate Conference on Pharmaceutical Sciences (IPoPS); 2021 Sep 28-29; Malaysia. Thai Journal of Pharmaceutical Sciences. 2021; Special issue. p 5.</p> <ul style="list-style-type: none"> Razali MQ, Mohd Sairi MS, Abu Samah NH. Preparation And Characterisation of Fast-Dissolving Oral Films. The 4th Asian Conference in Pharmaceutical Sciences (Asia Pharm IV); 2019 Aug 28-29; Selangor, Malaysia. BMC Proc 13, 2019;13(9). P 11. DOI:10.1186/s12919-019-0168-7 <p>Dissertation and master thesis</p> <ul style="list-style-type: none"> Abdul Razak. Synthesis, Characterisation and Cytotoxicity Study of Poly(N-Isopropylacrylamide)-Based Particles for Topical Drug Delivery [master's thesis]. Selangor: Universiti Teknologi MARA; 2019.
10	RESEARCH GRANTS	<p>2019-current</p> <ul style="list-style-type: none"> Topical Application of Seaweed Extracts on Skin Cox-2 And Lox-5 Expression, Ex Vivo. DANA DUCS. 2022–2024. RM 30,000 (Member). Developing A Molecular Dynamics Model to Evaluate the Potential of Therapeutic Compounds for Activity Against SARS Covid-19 Spike and ACE2 Protein Interactions. DANA DUCS. 2022–2024. RM 30,000 (Member) The Development of Nanotechnology-based Cosmeceuticals Products with An Increase Aesthetic Appeal. 2021–2023. RM 90,000 (Member) Seaweed Based Sustainable Films as A Drug Delivery Platform for Oral Applications. 2020–2023. LESTARI. RM 20,000 (Principal Researcher) Optimisation of Formulation, Preclinical Stability and Toxicity Studies of Palm Oil-Based Aqueous Cream for The Treatment of Eczema and Dry Skin Condition. Synergised Industry-Experimenter Research Grant Initiative (SInERGI). 2017–2019. RM 50,000 (Member)
11	AWARDS	<p>2019-current</p> <ul style="list-style-type: none"> Gold medal (GLACISKIN, from sea to nourish skin), Invention, Innovation and Design Exposition, iideX

		<p>UiTM and Pharm-IIDEx, 2021</p> <ul style="list-style-type: none"> • Bronze Medal (GLACIPRO a marine-based natural sun-filter), iideX UiTM, 2020 • Gold Medal (GRia Burn Wound Care, Malaysian seaweed extract-based topical spray) iideX UiTM, 2019
12	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	<ul style="list-style-type: none"> • Member, Pharmacy Board Malaysia, 2012–current • Member, Malaysian Pharmacists Society (MPS), 2012–current • Member, International Pharmaceutical Federation (FIP), 2023–present • Member, Diabetes Malaysia, 2022–current
13	PARTICIPATION IN CONTINUING EDUCATION	<p><i>2019-current</i></p> <p><u>Conferences:</u></p> <ul style="list-style-type: none"> • Invited Speaker, The Virtual 3rd International Research Network Initiative (IRNI) Symposium 2022, Faculty of Pharmacy (UiTM), 2022, Virtual • Participant, The 28th Federation of Asian Pharmaceutical Associations (FAPA) Congress and National Pharmacists Convention 2022, FAPA and Malaysian Pharmacists Society, 2022, Kuala Lumpur, Malaysia • Participant, Northern Region Pharmacists Convention 2022, Malaysian Pharmacists Society (Kedah), 2022, Virtual • Participant, International Research Network Initiative (IRNI) and International Postgraduate Conference on Pharmaceutical Sciences (iPoPs), UiTM, International Medical University (IMU) and Tokyo University of Sciences, 2021, Virtual • Participant, International Research Network Initiative, The Faculty of Pharmacy, UiTM, 2020, Virtual (AIMST University) • Participant, International Webinar: Challenges and Innovative Drug Delivery Approaches for the Management of Chronic Diseases, UiTM and Ghandi Institute of Technology and Management (GITAM), 2020, Virtual <p><u>Courses:</u></p> <ul style="list-style-type: none"> • Speaker, Workshop on Insights into Skin Permeation: From Theory to Practice, Faculty of Pharmacy (UiTM), 2023, Selangor, Malaysia

14	COMMUNITY SERVICES	<i>2019-current</i> <ul style="list-style-type: none">● Facilitator, Mental Health: Impacts on Personality Development and Academic Excellence, Faculty of Pharmacy, UiTM, 2023, Sekolah Kebangsaan Puncak Alam● Volunteer, Program Imunisasi COVID-19 Kebangsaan (PICK), 2021