

PROFILE		
1	NAME	NOR KHAIZAN BINTI ANUAR
2	ACADEMIC POSITION	SENIOR LECTURER
3	STATUS OF APPOINTMENT	PERMANENT
4	CITIZENSHIP	MALAYSIAN
5	EDUCATION	<ul style="list-style-type: none"> • PhD (Pharmaceutics) UiTM, Malaysia, 2013 • MSc. (Pharmaceutics) UiTM, Malaysia, 2007 • B.Eng. (Chemical Engineering – Polymer) UTM, Malaysia, 2004
6	WORKING EXPERIENCE	<ul style="list-style-type: none"> • Senior Lecturer (DM51) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 9 October 2013 – present • Lecturer (DM45) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 1 February 2011 – 8 October 2013
7	CURRENT ACADEMIC RESPONSIBILITIES	<p>1) Head of Pharmaceutics Department</p> <p>2) Teaching:</p> <ul style="list-style-type: none"> • PHC453: Fundamental of Pharmaceutics II • PHC471: Drug Delivery Systems I • PHC529: Pharmaceutical Industry Practice • PHC555: Industrial Attachment (visiting lecturer) • PHC566 & PHC567: Research I & Research II (supervision of undergraduate final year projects)
8	RESEARCH INTERESTS/ PROJECTS	<ul style="list-style-type: none"> • Transdermal and Topical Dosage Form Design and Delivery • Wound healing • Polymer Science
9	PUBLICATIONS	<p>Anthology (book with articles)</p> <p>A. Nor Khaizan and T. W. Wong. Chapter 12: Pectin and its Roles in Transdermal Drug Delivery. Handbook of Sustainable Polymers: Processing and Applications. Edited by Vijay Kumar Thakur and ManjuKumari Thakur. ISBN 978-981-4613-53-8 (Hardcover), 978-</p>

981-4613-54-5 (eBook). Pan Stanford Publishing Pte. Ltd., Singapore (2015). P. 453-472.

Journal article

R. Sheshala, **N. K. Anuar**, N. H. A. Samah, and T. W. Wong, “*In Vitro* Drug Dissolution/Permeation Testing of Nanocarriers for Skin Application: a Comprehensive Review,” AAPS PharmSciTech, vol. 20, pp. 164, 2019.

Hussain M, Sahudin S, Abu Samah NH, and **N. K. Anuar**, “Students Perception of an Industry-Based Approach Problem-Based Learning (PBL) and their Performance in Drug Delivery Courses,” Saudi Pharm. J., vol. 27, pp. 274-282, 2019.

N. M. Saidin, **N. K. Anuar** and M. M. R. Meor Mohd Affandi “Roles of Polysaccharides in Transdermal Drug Delivery System and Future Prospects,” J. App. Pharm. Sci., vol. 8, pp. 141-157, 2018.

N. K. Anuar and T. W. Wong “Microwave: Effects and Implications in Transdermal Drug Delivery,” Prog. Electromagn. Res., vol. 141, pp. 619–643, 2013.

T. W. Wong and **N. K. Anuar**, “Physicochemical Modulation of Skin Barrier by Microwave for Transdermal Drug Delivery,” Pharmaceut. Res., vol. 30, pp. 90–103, 2013.

N. K. Anuar, T. W. Wong, and T. Mohd Nasir, “Microwave Modified Non-Crosslinked Pectin Films with Modulated Drug Release,” Pharm. Dev. Technol., vol. 17, pp. 110–117, 2012.

N. K. Anuar, T. W. Wong, D. K. Ghodgaonkar and T. Mohd Nasir, “Characterization of Hydroxypropylmethylcellulose Films using Microwave Non-Destructive Testing Technique,” Journal of Pharmaceutical and Biomedical Analysis, vol. 43, pp. 549-557, 2007.

T. W. Wong, D. K. Ghodgaonkar, T. Mohd Nasir and **N. K. Anuar**, “Microwave Non-Destructive Testing Technique for Characterization of HPMC-PEG 3000 Films,” International Journal of Pharmaceutics, vol. 343, pp. 122-130, 2007.

		<p>Conference paper Unpublished paper:</p> <p>N. M. Saidin, N. K. Anuar, W. R. Wan Engah and T. W. Wong “Characterization of <i>Hibiscus Rosa-Sinensis</i> Mucilage for Use as Penetration Enhancer in Transdermal Drug Delivery System,” 6th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Sciences (IPNaCS), November 2018, Manila, Philipines.</p> <p>N. K. Anuar, A. Nur Karimah and T. W. Wong “Characterization of cross-linked pectin hydrogel film for partial thickness thermal injury,” Pharma+Bio Asia 2016, September, Kuala Lumpur Malaysia.</p> <p>A. Nur Karimah, N. K. Anuar, T. W. Wong, H. Ahmad Sazali and W. E. Wan Rozita “Effect of Pectin Hydrogel on Partial Thickness Wound Healing,” 4th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Sciences (IPNaCS), November 2015, Melaka, Malaysia.</p> <p>N. K. Anuar and T. W. Wong “Use of Microwave in Transdermal Drug Delivery,” 2nd International Conference on Nutraceutical and Cosmetic Sciences, October 2013, Jakarta, Indonesia.</p> <p>N. K. Anuar and T. W. Wong, “Effects of Microwave on Drug Release Property of Non-Crosslinked Pectin Films,” PharmaTech 2012, November 2012, Malaysia.</p> <p>N. K. Anuar and T. W. Wong, “Microwave as Permeation Enhancer for Transdermal Drug Delivery,” PharmaTech 2012, November 2012, Malaysia.</p> <p>N. K. Anuar, T. W. Wong and T. Mohd Nasir, “Molecular Responses of Pectin Films under Microwave Irradiation and their Effects on Drug Dissolution,” The 2nd International Conference on Pharmacy and Advanced Pharmaceutical Sciences, July 2011, Yogyakarta, Indonesia.</p>
10	RESEARCH GRANTS	<ul style="list-style-type: none"> • Superabsorbent <i>Hibiscus Rosa Sinensis</i>-Pectin Hydrogel: Mechanism of Wound Healing - <i>Principle investigator, RM 80 000, 2013-2015.</i> • Combination cellulose/alginate-tocopherol wound

		<p>dressing for skin injury treatment - <i>Co-researcher, RM100 000, 2015-2017.</i></p> <ul style="list-style-type: none"> • Implementation and Assessment of the Effectiveness of Assisted Problem Based Learning (PBL) Compared to Didactic Approach in Pharmaceutics Course in Faculty of Pharmacy UiTM - <i>Co-researcher, RM 20 000, 2016-2018.</i> • Deciphering the Mechanism of Transdermal Drug Permeation Enhancement by <i>Hibiscus Rosa-Sinensis</i> Mucilage - <i>Principle investigator, RM92 000, 2016-2019.</i>
11	AWARDS	<ul style="list-style-type: none"> • UiTM Excellent Service Award (academic staff category), UiTM, 2018. • Microwave as penetration enhancer for skin drug delivery. Gold medal- Malaysia Technology Expo, 2017. • Living Jungle mosquito repellent: Innovative product against Dengue and Zika. Gold medal- Invention, Innovation & Design Exposition, UiTM, 2017. • Pectin hydrogel wound dressing. Silver medal- Invention, Innovation & Design Exposition, UiTM, 2017.
12	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	Associate member, Malaysian Pharmaceutical Society, 2012-present.
13	PARTICIPATION IN CONTINUING EDUCATION	<p>Conferences:</p> <ul style="list-style-type: none"> • Participant, The 1st International Conference on Pharmacy Practice (iCoPP), 2018, Selangor. • Participant, 6th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Sciences (IPNaCS), 2018, Manila, Philipines. • Participant, MAEMHS Conference, 2018, Fakulti Perubatan, UiTM Selayang. <p>Courses:</p> <ul style="list-style-type: none"> • Quality in higher education, ILD Enstek, 25 Jun 2018 • Peripheral services in higher learning institution, ILD Enstek, 26 Jun 2018. • Effective and competent GMP auditor workshop, Fakulti Farmasi UiTM, 28-29 Ogos 2018.
14	COMMUNITY SERVICES	<ul style="list-style-type: none"> • Volunteer, Recycle for Charity, Non destructive Biomedical and Pharmaceutical Research Center, UiTM, 2015-present

		<ul style="list-style-type: none">• Committee, Jom Sains Farmasi, UiTM, 2018.
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