

PROFILE		
1	NAME	MEOR MOHD REDZUAN B MEOR MOHD AFFANDI
2	ACADEMIC POSITION	SENIOR LECTURER
3	STATUS OF APPOINTMENT	PERMANENT
4	CITIZENSHIP	MALAYSIAN
5	EDUCATION	Doctor of Philosophy (Pharmaceutics): Universiti Teknologi MARA (July 2016) Master of Science (Pharmaceutical Technology): Universiti Teknologi MARA (October 2011). Bachelor of Science (Biotechnology): Universiti Putra Malaysia (August 1994)
6	WORKING EXPERIENCE	• Lecturer, Pharmaceutics Department, Faculty of Pharmacy UiTM 1 September 2016-present (3 years) • Lecturer, Pharmaceutics Department, Faculty of Pharmacy UiTM 15 September 2007-August 2016 (9 years) • Hovid Bhd , Ipoh – Malaysia Senior Production Executive, Nov 1994 - Sept 2007 (13 years) • Yee Lee Corporation , Ipoh – Malaysia, Research & Development Executive, Apr 1994 – Nov 1994 (7 months)
7	CURRENT ACADEMIC RESPONSIBILITIES	• PHC400: Physicochemical basis for pharmacy (Lecture & Tutorial) • PHC401: Pharmacy Practice 1 (Lecture & Practical) • PHC453 : Fundamental of Pharmaceutics II – (Lecture & Practical) • PHC 555 & 556 – Final Year Research – (Supervisor) • PHC 529 - Pharmaceutical Industrial Practice - (Lecture & Practical)
8	RESEARCH INTERESTS/ PROJECTS	• Pharmaceutical Technology & Drug formulation – Solid dosage form, Solution, Soft gelatin, advanced drug delivery system (self emulsifying system, nanoemulsion) • Pharmaceutics • Industrial Pharmacy – GMP documentation, training and implementation, productivity improvement

		• Application of pharmaceutical technology in nutraceutical & cosmeceutical products
9	PUBLICATIONS	Journal article 1) MMR Meor Mohd Affandi, T Julianto, & ABA Majeed (2011). Development and Stability Evaluation of Astaxanthin Nanoemulsion. Asian J Pharm. Clin. Res. (4): 27 – 33. Corresponding author, Scopus Index Journals 2) Nurjannah Yob, Suhaidah Mohd Joffry, MMR Meor Mohd Affandi, Teh Lay Kek, Mohd Zaki Salleh, MR Sulaiman, Zainul Amiruddin Zakaria (2011) Zingiber zerumbet (L): A review of its ethnomedicinal, chemical and pharmacological uses. Evidence-Based Complementary and Alternative Medicine. Article ID 543216, 12 pages. Corresponding author. ISI Index Impact Factor: 1.93 3) A. Abdullah, MMR Meor Mohd Affandi, T. Julianto & ABA Majeed (2012). Development of simple high-performance liquid chromatographic method for the determination of astaxanthin in human plasma Food Sci Technol Res, 18(1): 107-113. Co-author. ISI Index Impact Factor: 0.36 4) S. Mohd. Joffry, NJ Yob, MS Rofiee, MMR Meor Mohd Affandi, Z. Suhaili, F. Othman, A. Md. Akim, MNM Desa, & Z. A. Zakaria (2012). : Melastomamalabathricum (L.) Smith Ethnomedicinal Uses, Chemical Constituents, and Pharmacological Properties: A Review Evidence-Based Complementary and Alternative Medicine. Article ID 258434, 48 pages doi:10.1155/2012/258434. Co-author. ISI Index Impact Factor: 1.93 5) MMR Meor Mohd Affandi, T. Julianto & ABA Majeed. Enhanced Oral Bioavailability of Astaxanthin with droplet size Reduction (2012). Food Sci Technol Res, 18(4): 549-554. Corresponding author. ISI Index Impact Factor : 0.36 6) Khuriah Abdul Hamid, MMR Meor Mohd Affandi, T Julianto, Liza S, Suzana MJ A Simple And Sensitive HPLC Method For The Determination Of Insulin In Rat Plasma And Its Application In Pharmacokinetic Study (2013). International Journal of Pharmacy and

	Pharmaceutical Science, 5(2): 133-137. Co-author , Scopus Index Journals. 7) M Mohamed, MMR Meor Mohd Affandi, Mohd Zulkefeli Bin Mat Jusoh, Abu Bakar Abdul Majeed, Minaketan Tripathy (2013). Solvent Interactions of Polyvinyl Pyrrolidone Wrapped Single Walled Carbon Nanotubes (PVP-SWNTs) in Water by Acoustic Studies. Journal of Nanofluid, 2(2): 1-7. Co-author. 8) Nurlina MA, MMR Meor Mohd Affandi, Ismail Bin Mohd Shah, Ku Aizudin KA (2013). Bachelor of Pharmacy Industrial Training: Performance and Preceptor Perception. International Research Journal of Pharmacy, 4(5), 86-91. Corresponding author. Scopus Index Journals. 9) Hadiatul Ain Hasanuddin, MMR Meor Mohd Affandi, MS Mohamed Ahmed Salama, M Tripathy (2014). Micellization of D-Alpha-Tocopheryl Polyethylene Glycol 1000 Succinate (TPGS1000) Thermodynamics and Related Solute Solvent Interactions. Oriental Journal of Chemistry. 30(3), 1119-1123. Co-author. Scopus Index Journals 10) MMR Meor Mohd Affandi, K Abdul Hamid, Foo, C.S. (2014) Development of Astaxanthin-loaded biodegradable nanoparticles by nanoprecipitation method. International Journal of Pharmacy and Technology. 5(4), 5962-5972. Corresponding author. Scopus Index Journals. 11) MMR Meor Mohd Affandi, Minaketan Tripathy, SAA Shah, ABA Majeed (2016). Solubility enhancement of simvastatin by arginine: Thermodynamics, solute solvent interactions and spectral analysis. Drug Design, Development and Therapy, 10: 959–969 (IF: 3.028) First Author, Scopus Index Journal 12) MMR Meor Mohd Affandi, Minaketan Tripathy, ABA Majeed (2016). Conductometric and volumetric studies on the interactions of atorvastatin-arginine complex in aqueous solution at different temperatures. Journal of Advanced Pharmaceutical Technology &
--	---

		Research, 7(3): 12-18. First Author, Scopus Index Journal. 13) MMR Meor Mohd Affandi, Minaketan Tripathy, ABA Majeed (2016). Solubility enhancement of Simvastatin and Atorvastatin by arginine: molecular dynamics and related solution chemistry using Viscometric analysis. Journal of Molecular Liquids 223:1093–1099 (IF: 4.51) First Author. 14) MMR Meor Mohd Affandi, Minaketan Tripathy, ABA Majeed (2016). The prospect, promises and hindrances of statin base molecules: Look back to look forward. International Journal of Pharmacy and Pharmaceutical Sciences, 8(5): 22-33. First Author, Scopus Index Journal 15) Zolkiflee NF, MMR Meor Mohd Affandi, ABA Majeed (2017). Lovastatin: history, physicochemistry, pharmacokinetics and enhanced solubility. International Journal of Research in Pharmaceutical Sciences 8(1): 90-102. Correspondent Author, Scopus Index Journal. 16) MMR Meor Mohd Affandi, Minaketan Tripathy, ABA Majeed (2017). Arginine Complexes with Simvastatin: Apparent Solubility, <i>In Vitro</i> Dissolution and Solid State Characterization. Current Drug Delivery 15 (1): 77-86. (IF: 2.078) First Author. 17) MMR Meor Mohd Affandi, Minaketan Tripathy, ABA Majeed (2017). Solubility enhancement of simvastatin and atorvastatin by arginine: contact angle determination, wettability and surface energy characteristics. Journal of Molecular Liquids 240: 340-344. (IF: 4.51) Corresponding Author
10	RESEARCH GRANTS	1) Meor Mohd Redzuan , T Julianto & AB Abdul Majeed . Young Scientist Fund. Research Management Institute, Universiti Teknologi Mara, Malaysia “The Development of Phyllanthus niruri chewable tablet”- Principle investigator (2008-2009) 2) Khuriah Abdul hamid, Meor Mohd Redzuan, Tommy Julianto. Fundamental Research Grant Scheme (FRGS): “Intestinal absorption enhancing mechanism(s) of

		insulin and calcitonin by gelam honey in rats”- Co investigator (2010-2012). 3) Ahmad Mustafa Masoud Eid, Meor Mohd Redzuan, Ibtisam Abdul Wahab. Fundamental Research Grant Scheme (FRGS): “Phytochemical Profiling of Azadirachta indica (Neem Seed Oil) and its mechanism of actions against inflammation” – Co investigator (2010-2012). 4) Meor Mohd Redzuan, Khuriah Abdul Hamid, Foo Chit Seong. Fundamental Research Grant Scheme (FRGS): Transmucosal and Transdermal Delivery mechanisms of designed Astaxanthin-loaded Biodegradable Nanoparticles- Principle investigator (2012-2014) 5) Meor Mohd Redzuan, Ismail Mohd Shah, Hannis Fadzillah Mohsin . Knowledge Transfer Grant (KTP): Development of cGMP Curriculum for SME : Che Mah & Sons- Principle Investigator (2013-2015). 6) Minaketan Tripathy, Mohd Zulkefeli Mohd Jusoh, Meor Mohd Redzuan, Abu Bakar Abdul Majeed. Fundamental Research Grant Scheme (FRGS): Silver Ion Modulation Of Glucose Mediated Respiration of E.coli – Co investigator – (2013-2016) 7) Hannis Fadzillah Mohsin, Meor Mohd Redzuan, Kathelene Jalani. Knowledge Transfer Grant (KTP): Pemindahan kepakaran instrumentasi (lcms) bagi analisis produk herba : ke arah peningkatan daya saing syarikat tempatan ke peringkat global – Co-Investigator (2014-2016). 8) Meor Mohd Redzuan, Minaketan Tripathy, Abu Bakar Abdul Majeed. Fundamental Research Grant Scheme (FRGS): Solubility enhancement of Lovastatin by arginine: Thermodynamics, solute solvent interaction and spectral analysis. - Principle investigator (2016-2018) 9) Ismail Mohd Shah, Meor Mohd Redzuan. Academic & Research Assimilation Grant (ARAS): Development of competence framework for pharmacy practice in Malaysia – Co- investigator (2016-2018) 10) Nor Khaizan Anuar, Wong Tin Wui, Meor Mohd Redzuan, Wan Rozita Wan Engah. Fundamental Research Grant Scheme (FRGS): Deciphering the mechanism of transdermal drug permeation enhancement by hibiscus rosa-sinensis mucilage. – Co-investigator (2016-2018)
11	AWARDS	1) MMR. Meor Mohd Affandi, T. Julianto (Jan 2009), Phyllanthus niruri Chewable Tablet. Innovation, Invention & Design Competition (IID) 2009 – Silver

		Medalist 2) Zakaria.ZA, MMR, Meor Mohd Affandi (Jan 2009) Giara Tea .Innovation, Invention & Design Competition (IID) 2009 – Silver Medalist 3) T. Ponto, MMR Meor Mohd Affandi, T. Julianto, ABA Majeed (Jan 2010) Cocoa butter substitute nanolipid carrier of tocotrienol for topical application-Participant 4) MMR Meor Mohd Affandi, G Kaur, M Mohamed, S Mohd Joffry, K Abdul HamidGerm-Gosteen Hand Sanitizer. Innovation, Invention & Design Competition (IID) Puncak Alam (Aug 2010)-3rd Runner Up 5) MMR Meor Mohd Affandi, G Kaur, M Mohamed, S Mohd Joffry, K Abdul Hamid. Germ-Gosteen Hand Sanitizer. Innovation, Invention & Design Competition (IID) SE (Oct 2010) - Silver Medalist 6) MMR Meor Mohd Affandi, G Kaur, N. Anuar, FC Seong. Living Jungle mosquito repellent : Innovative product against dengue and zika. Innovation, Invention & Design Exposition 2017 (IIDEX2017) - Gold Medalist 7) N Anuar, NK Azizi. WT Wui, MMR Meor Mohd Affandi, SI Ibrahim. Pectin Hydrogel wound dressing. Innovation, Invention & Design Exposition 2017 (IIDEX2017) - Silver Medalist
12	INVOLVEMENT IN PROFESSIONAL ORGANISATIONS	None
13	PARTICIPATION IN CONTINUING EDUCATION	None
14	COMMUNITY SERVICES	Fasilitator, Modul 3 kepimpinan pelajar (LPPKP), UiTM, 2010, UiTM