

<b>PROFILE</b>		
<b>1</b>	<b>NAME</b>	MASHANI BINTI MOHAMAD
<b>2</b>	<b>ACADEMIC POSITION</b>	SENIOR LECTURER
<b>3</b>	<b>STATUS OF APPOINTMENT</b>	PERMANENT
<b>4</b>	<b>CITIZENSHIP</b>	MALAYSIAN
<b>5</b>	<b>EDUCATION</b>	Doctor of Philosophy (Medicine), University of Sydney – 2016 Master of Science (Biochemistry), Universiti Kebangsaan Malaysia – 2010; Bachelor of Science (Hons) (Genetic), Universiti Kebangsaan Malaysia – 2006.
<b>6</b>	<b>WORKING EXPERIENCE</b>	<ul style="list-style-type: none"> <li>● Senior Lecturer (DM52) Faculty of Pharmacy, Universiti Teknologi MARA, Puncak Alam, 1 August 2008-present</li> <li>● Lecturer Faculty of Health &amp; Life Sciences, Management &amp; Science University, Shah Alam, Jun 2006- May 2008</li> </ul>
<b>7</b>	<b>CURRENT ACADEMIC RESPONSIBILITIES</b>	<ul style="list-style-type: none"> <li>● PHC556: Research I (Tutorial and Supervisor)</li> <li>● PHC567: Research II (Supervisor)</li> <li>● PHC460: Pharmaceutical Immunology (Tutorial)</li> <li>● PHC462: Pharmaceutical Biochemistry (Lecture, Lab &amp; tutorial)</li> <li>● PHC515: Principles of Pathology (Lecture &amp; Tutorial)</li> <li>● PHC454: Pharmaceutical Microbiology (Tutorial &amp; Practical)</li> <li>● PHC401: Anatomy &amp; Physiology (Practical)</li> </ul>
<b>8</b>	<b>RESEARCH INTERESTS/ PROJECTS</b>	<ul style="list-style-type: none"> <li>● Antimicrobial study</li> <li>● Hepatology</li> <li>● Ageing</li> </ul>

**9 PUBLICATIONS**

**Journal article**

Zamram, Q. A. Z., Mohsin, H. F., **Mohamad, M.**, Nor Hazalin, N. A. M., & Hamid, K. A. (2022). Physical Characterisation and Stability Study of Formulated *Chromolaena odorata* Gel. *Current Drug Delivery*, 19(4), 479-490. Impact factor = 3.7. Q2.

Aziz, N. A., **Mohamad, M.**, Mohsin, H. F., Mohamad Nor, N. A., & Abdul Hamid, K. (2020). The Pharmacological Properties and Medicinal Potential of *Chromolaena odorata*: A Review. *International Journal of Pharmaceuticals, Nutraceuticals and Cosmetic Science*, 2(March 2021), 30–41.

**Mohamad, M.**, Mohd Shukri, N., Jasni, N. A., D. G. Le Couteur and V. C. Cogger (2020). Alteration of liver ultrastructure and metabolic homeostasis in rat model of insulin resistance. *Hepatol Commun*, 4 (Special edition: Update and Advances From the 20th Liver Sinusoid Meeting).

Mohd Mutalip, S. S., Shah, A. M., **Mohamad, M.**, Mani, V., Hussin, S. N., & Surindar Singh, G. K. (2018). Pubertal anabolic androgenic steroid exposure in male rats affects levels of gonadal steroids, mating frequency, and pregnancy outcome. *Journal of basic and clinical physiology and pharmacology*, 30(1), 29–36.

**Conference paper**

**Mashani, M.**, Shahida, M. M, Cogger, V. C. & Le Couteur, D. G. (2022). Characterization of hepatic sinusoidal endothelium from metabolic syndrome rat model: phenotype and insulin uptake. 21<sup>st</sup> International Symposium on Cells of the Hepatic Sinusoid, Beijing, China

Nurul Qistina Balqis M, Nurul Izatie A & **Mashani M.** Antibacterial Activity of *Chromolaena odorata* Aqueous Extract against *Escherichia coli* and *Bacillus subtilis*. (2021). International Postgraduate Conference on Pharmaceutical Sciences (IPoPS) 2021

		<p>Mohd Shukri, N., Jasni, N. A., Muhamad Mukhtar, S. &amp; <b>Mohamad, M.</b> (2020) Liver Ultrastructural Changes in Rat Model of Insulin Resistance. International Biology Virtual Symposium 2020. Universiti Teknologi MARA</p> <p><b>Mohamad, M.</b>, Mohd Shukri, N., Jasni, N. A., D. G. Le Couteur and V. C. Cogger (2019). Alteration of liver ultrastructure and metabolic homeostasis in rat model of insulin resistance. 20<sup>th</sup> International Symposium on Cells of the Hepatic Sinusoid, University of Sydney Australia</p> <p><b>Mohamad, M.</b>, S. J. Mitchell, de Cabo, D. G. Le Couteur and V. C. Cogger (2019). Ageing and Insulin Resistance: The Role of Liver Sinusoidal Endothelial Cells. International Conference on Ageing 2019, University Sains Malaysia</p> <p>Mohd Shukri, N., Jasni, N. A., Muhamad Mukhtar, S. &amp; <b>Mohamad, M.</b> (2018). Liver Ultrastructural Changes in Rat Model of Insulin Resistance. 6<sup>th</sup> International Conference on Pharmaceuticals, Nutraceuticals &amp; Cosmetic Science, University of Santo Thomas Philippines</p>
10	<b>RESEARCH GRANTS</b>	<p>Exploring The Role of Liver Ultrastructure In The Pathophysiology Of Metabolic Syndrome. UiTM DUCS Internal Grant. 2021-2023. Principal Investigator.</p> <p>Deciphering the Neuroprotective Role of Astaxanthin nano emulsion in Alzheimer’s Disease. FRGS Grant. 2020-2023. Co-researcher:</p> <p>Bioavailability, toxicity and chemo preventive efficacy of chitosan-based nano formulation of tea polyphenols for colorectal cancer therapy. FRGS Grant. 2021-2024. Co-researcher:</p> <p>Understanding the Role of Liver Sinusoidal Endothelial Cells in the Pathophysiology of Age-Related Insulin Resistance. FRGS Grant. 2019-2021. Principal Investigator</p>
11	<b>AWARDS</b>	<p>Gold Medal: Aero-S Advanced Biopolymer Wound Patch. PHARM IDEX 2023</p>

		<p>Gold Medal: Aero G Patch &amp; Heal Hydrogel Dressing. PECIPTA 2022 &amp; ITEX 2022</p> <p>Best poster award. (Pharmaceutical Life Sciences Category). International Postgraduate Conference on Pharmaceutical Sciences (IPoPS) 2021, UiTM Malaysia</p> <p>Best poster award (Pharmacology &amp; Biotechnology Category), 5th International Conference on Pharmaceuticals, Nutraceuticals and Cosmetic Science 2017, Thailand</p>
12	<b>INVOLVEMENT IN PROFESSIONAL ORGANISATIONS</b>	<p>Member, International Society of Hepatic Sinusoids 2013-present</p> <p>Member, Malaysian Society of Pharmacology &amp; Physiology 2010-present</p> <p>Member, Malaysia Pharmaceutical Society 2018-2020</p>
13	<b>PARTICIPATION IN CONTINUING EDUCATION</b>	<p>Conferences:</p> <p>Presenter, 21st International Symposium on Cells of the Hepatic Sinusoid, Beijing, China 2022</p> <p>Presenter, International Biology Virtual Symposium 2020. Universiti Teknologi MARA</p> <p>Presenter, 20th International Symposium on Cells of the Hepatic Sinusoid, University of Sydney Australia</p> <p>Courses:</p> <p>Write2flourish workshop 2023</p> <p>Microteaching course 2023</p>
14	<b>COMMUNITY SERVICES</b>	<p>Member/volunteer, World Wide Fund for Nature (WWF), 2018 - present</p> <p>Member/volunteer, MERCY Malaysia, 2011-2012</p> <p>Muslim Volunteer Malaysia - Cambodian Muslim Intellectual Alliance Qurban 2020 - present</p>