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| **PROFILE** |
| **1** | **NAME** | Dr Siti Alwani Ariffin |
| **2** | **ACADEMIC POSITION** | Senior lecturer |
| **3** | **STATUS OF APPOINTMENT** | Permanent |
| **4** | **CITIZENSHIP** | Malaysian |
| **5** | **EDUCATION** | PhD (Marine Pharmaceutical Biotechnology) University of Otago (2012) MSc (Microbiology) UKM. (2004)Bachelor of Science (Hons) (Microbiology), UKM. (2002. |
| **6** | **WORKING EXPERIENCE** | * Senior lecturer (DM52) Faculty of Pharmacy, Universiti Teknologi MARA, 2012-current
* Lecturer (DM 45) Faculty of Pharmacy, UiTM. 2006-2012
* Science Officer (Microbiologist). Jabatan Kimia Malaysia. 2004-2005
 |
| **7** | **CURRENT ACADEMIC RESPONSIBILITIES** | * PHC661: Traditional & Complementary Medicine (RP)
* PHC412: Pharmaceutical Microbiology
* PHC460: Pharmaceutical Immunology
* PHC 462: Pharmaceutical Biochemistry
* PHC610: Research proposal (Supervisor)
* PHC632: Research project (Supervisor)
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| **8** | **RESEARCH INTERESTS/ PROJECTS** | * Marine endophytic fungi research
* Marine microbial metabolites as nutraceutical and cosmeceutical agents
* Anticancer agents from marine metabolites and underlying mechanism
* Wild orchid conservation
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| **9** | **PUBLICATIONS** | **Journal article**1. Putri Syazwina Megat Abdul Latif, Norfarhan Mimi Mohd Noor, Shazahuda Mazlan, Norasyikin Razali1, Kalavathy Ramasamy and **Siti Alwani Ariffin.** Saline Tolerant of Marine Endophytic Fungi from Teluk Kemang Malaysia – A Rich Source of Bioactive Material. Malaysian Applied Biology (2022) 51(5): 193-200 https://doi.org/10.55230/mabjournal.v51i5.2366
2. Aqilah, H.M., Norhayati, A.S. **Siti, A.A**. 2018. Wound healing properties in Sprague-Dawley rats of marine endophytic fungi extract. Malaysian Applied Biology Journal. 47(5):213-218.
3. **Siti Alwani Ariffin**, Kalavathy Ramasamy, Paul Davis, Vasudevan Mani.Mahmood Ameen Abdulla. 2014. Safety of Malaysian marine endophytic fungal extract from a brown seaweed Turbinaria conoides. Journal of Coastal Life Medicine; 2(7): 527-534.
4. **Siti A. Ariffin,** Hannis F.M., Zolkapli E. &amp; Ibitisam A.W. 2012. Crystalline calcium oxalate in Pandanus Odoratissimus. International Journal on Advanced Science Engineering Information Tehnology, 4: 24-26
5. **Ariffin, S. A.**, Davis, P., &amp; Ramasamy, K. 2011. Cytotoxic and antimicrobial of Malaysian marine endophytic fungi. Botanica Marina, 54(1), 95-100.

**Dissertation and master thesis** Harmayumi Binti Wahid. (MSc) Anticancer Activity Of Marine Endophytic Fungal Extracts From Malaysian Seaweeds Against Hepg2 Cells. 2021Siti Hir Huraizah Md Tahir. (PhD) Vancomycin-Loaded Bone Cement Used in Arthroplasty In Five Malaysian Government Hospitals. 2023 |
| **10** | **RESEARCH GRANTS** | 1. Topical Application of Seaweed Extracts On Skin Cox-2 And Lox-5 Expression, Ex Vivo. DUCS-P. 1 Julai 2022 - 30 Jun 2024. RM30 000.00 Principal Investigator
2. Development of Green Nanoemulgel Prototype. External Grant: UMT. 2021-2022. RM20 000. Member
3. Implementation of quality control in the development of bee products in Humaira Honey Sdn Bhd. Knowledge Transfer Program (KTP). 2015-2017. RM 165,400.00. Member
4. Molecular target and pathway analysis of S2, a potent marine-derived endophytic chemical entity. FRGS 1 2014-2016. RM 109,800.00. Principal Investigator.
5. Mechanistic model of the persistence and morbility of antibiotic-resistant bacteria in urban system. 600IRMI/DNA 5/3/LESTARI (0011/2016). 2016-2018. RM 20 000.00. Member
6. Probing molecular mechanism of poly (Nisopropylacrylamide)-based nanogelsin modulating skin inflammation at cellular level. 2013-2015. RM 60 000.00. Member
7. Exploring the mode of action and novel bioactive compounds from a marine endophytic fungus of *Turbinaria Conoides* Dana Kecemerlangan. 20122014. RM 32 000.00. Principal Investigator
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| **11** | **AWARDS** |  Gold Medal for the GRia a marine-based topical burn wound care. IIDEX 2019 |
| **12** | **INVOLVEMENT IN PROFESSIONAL ORGANISATIONS** | * Member, Malaysian Microbiology Society 2003-present
* Member, Malaysian Society of Applied Biology 2018-present
 |
| **13** | **PARTICIPATION IN CONTINUING EDUCATION** | Conferences:* The International Applied Biology Conference (IABC 2022). 3-5 June Haten Hotel Melaka. (Participant)

Courses:* Pioneering Research Leaders. 13 & 14 September 2022. Institut Kepimpinan dan Pembangunan (ILD) UiTM  (Participant)
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| **14** | **COMMUNITY SERVICES** |  1. Head project of Program Pengurusan Emosi: Impak kepada Sahsiah dan Kecemerlangan Akademik Tahap I & II (Siri I) : 2023
2. Facilitator “Program Pengurusan Emosi: Impak kepada Sahsiah dan Kecemerlangan Akademik”, Sekolah Kebangsaan Puncak Alam (2), 26 September 2023.
3. Committee (Bureau of Academic) Persatuan Ibubapa dan Guru Sekolah Kebangsaan Puncak Alam (2), Sessions: 2023/2024.
4. Head Project of Giving Back to Nature joint venture with Jabatan Pengaliran dan Saliran. Karnival Alam Sekitar Pantai Batu 23 Sg Nibong. 12 October 2019
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