

Personal Details	MAHESWARAN SOLAYAPPAN
Academic Qualifications	BSc. (Hons) Biotechnology – AIMST University MSc. Biotechnology – AIMST University
Administrative Duties	Postgraduate Coordinator
Publications (last 5 years)	2019 - Gold-Hybridized Zinc oxide nanorods as Real-time Low-cost nano Biosensors for Detection of virulent DNA signature of HPV-16 in cervical carcinoma. T Ramesh, KL Foo, R Haarindraprasad, AJ Sam, S Maheswaran - Scientific reports, 2019. 2018 - Microwave assisted extraction of <i>Cyanotis beddomei</i> . TR Mahendran, S Maheswaran, JT John... - Med Aromat Plants, 2018
On-going Research	1. “Studying the differential Tribbles pseudokinase genes (Trib 1, Trib 2 and Trib 3) and exploring their potential knockdown through CRISPR in Acute Myeloid Leukemia (AML).” RM118,000.00 (Reference No.: FRGS/1/2019/SKK15/AIMST/02/2) 2. “Establishment of TOP-1 and EGFR inhibition mechanism of insilico docked and synthesized novel CPT-11 analogues in oral squamous cell carcinoma.” RM117,000.00 (Reference No.: FRGS/1/2020/SKK03/AIMST/02/1)
Completed Research	Role of Human Papilloma Virus (HPV)-mediated misfolding and loss of Nuclear Receptor Co-Repressor (N-CoR) in the pathogenesis of Cervical Cancer.
Research Grants	2014 – Reference No.: FRGS/1/2014/SKK01/AIMST//1 2019 - Reference No.: FRGS/1/2019/SKK15/AIMST/02/2 2020 - Reference No.: FRGS/1/2020/SKK03/AIMST/02/1
Consultancy	REK Engineering Machinery Sdn. Bhd. No. 77, Jalan Sungai Tukang 2, Taman Perusahaan Sungai Tukang, 08000 Sungai Petani. Kedah. Malaysia info@rekengmac.com.my
Awards	-
Professional Membership	-
Supervision	Main Supervisor – 1 (MSc) Co-Supervisor – 3 (MSc)
Teaching	Biophysical Chemistry, Basic Chemistry, Microbiology, Human Physiology, Immunology & Metabolomics
Areas of Expertise	Cancer Research, Biosensors, Molecular Biology
Contact Details	maheswaran_s@aimst.edu.my +604-4298000 Ext: 8160