



**Assoc. Prof. Dr. Siti Hamimah
Sheikh Abdul Kadir**

**Faculty of Medicine
Research Fellow, Institute of
Pathology, Laboratory and
Forensic Medicine (I-PPerForM)
UiTM**

Dr. Siti Hamimah received her PhD in Molecular Medicine from Imperial College London, United Kingdom.

Her research interest is on understanding how cell interacts with its adjacent cells. For the past 16 years, she has been working with cardiomyocytes isolated both from human and animals. Currently, she has developed an interested on understanding the impact of endocrine disruptor contaminants (EDCs) on the development of cardiac cells using an in vivo and in vitro model.

She has secured more than 30 grants and published almost 90 articles in indexed journals. She has supervised 7 PhD students and 15 Master students.

She is an active member of Young Scientist Network-Academy Science Malaysia (YSN-ASM) and chairperson for YSN-ASM annual national programme known as National Science Challenge.



Dr. Chen Jit Ern

**Head, Jeffrey Sachs Center on
Sustainable Development
Senior Lecturer, Department of
Biological Sciences
Sunway University**

Dr. Chen's primary research interest is in the development and utilization of genetic engineering techniques and molecular tools on various microalgae, to study the underlying mechanisms for physiological traits such as lipid accumulation and heat tolerance. Dr Chen's current primary project is focused on studying the potential for increased heat-tolerance in Zooxanthellae (*Symbiodinium microadriaticum*), the photosynthetic coral endosymbiont, with an emphasis on heat-activated Zooxanthellae retrotransposons retrotransposons and on experimental evolution of heat-tolerance in microalgae. Other areas of interests include genetic engineering of the model green algae *Chlamydomonas reinhardtii* for protein production, the effects of algae auxins on the growth profile of the model plant *Arabidopsis thaliana*, and monitoring the biodiversity of plants and algae in Bandar Sunway.