

MTSF GRANT RESEARCH SYMPOSIUM

**Auditorium, High Impact Research Building, University of Malaya, Kuala Lumpur
on 30 November 2018 (Friday)**

16 PRESENTERS

“*In Vitro* Reversal Effect of Zerumbone on Allergen-Induced
Airway Epithelial Disruption in Asthma”

Dr. Tham Chau Ling

Department of Biomedical Sciences, Faculty of Medicine and Health Sciences

Universiti Putra Malaysia

**Recipient of Year 2012 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)**

“Phylogeography of *Nasalis larvatus* in Malaysia Borneo
using mtDNA and Nuclear Gene”

Ms. Ho Licia

Department of Zoology

Universiti Malaysia Sarawak

**Recipient of Year 2013 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)**

“Isolation and Characterization of Proteins and Oligopeptides
with Potential Antimicrobial Properties”

Mr. Mohd Noorzaifrudin Bin Khairol

Faculty of Resource Science and Technology

Universiti Malaysia Sarawak

Recipient of Year 2014 MTSF Science & Technology Research Grant

“Combination and optimization of sorption and photodegradation
processes for various dyes removal”

Dr. Ong Siew Teng

Department of Chemical Science, Faculty of Science

Universiti Tunku Abdul Rahman

**Recipient of Year 2015 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)**

“Isolation and Characterization of Proteins and Oligopeptides
with potential Antitumor Properties”

Ms. Nurhazlina Binti Hamdan

Faculty of Resource Science and Technology

Universiti Malaysia Sarawak

**Recipient of Year 2015 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)**

“Development of Diarylpentadienone Analogues as Anti-inflammatory Agents”

Dr. Siti Munirah Binti Mohd Faudzi
Department of Chemistry, Faculty of Science
Universiti Putra Malaysia
Recipient of Year 2015 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)

“Study of Lipase Partitioning Behavior in Ionic Liquid-based Aqueous Two-phase Systems to Improve Bio-separation Process of Microbial Lipase from Fermentation Broth”

Dr. Lee Sze Ying
Faculty of Engineering
The University of Nottingham Malaysia Campus
Recipient of Year 2015 MTSF Science & Technology Research Grant

“Oral and Gut Microbiome in Multiple System Atrophy”

Dr. Tan Ai Huey
Faculty of Medicine
University of Malaya
Recipient of Year 2016 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)

“Molecular taxonomy of spiny-backed orb-weavers (Araneae; Araneidae) and related genera in Peninsular Malaysia”

Dr. Tan Ji
Universiti Tunku Abdul Rahman
Recipient of Year 2016 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)

“Enhancement of flavonoid production through genetic modification in *Boesenbergia rotunda* cell suspension culture”

Ms. Yvonne Liew Jing Mei
Faculty of Science
University of Malaya
Recipient of Year 2016 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)

“Combinatorial Application of Tocotrienols and Chemotherapeutic Drugs as a Chemosensitization Strategy in Colorectal Cancer”

Ms. Tham Shiau Ying
Faculty of Science, School of Biosciences
The University of Nottingham Malaysia Campus
Recipient of Year 2016 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)

“Differentiation and Characterization of Epithelial Cells and Fibroblasts from Stem Cell from Human Exfoliated Deciduous Teeth (SHED)”

Ms. Nurul Hafizah Mohd Nor

School of Dental Sciences

Universiti Sains Malaysia

**Recipient of Year 2016 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)**

“Bioaccumulation of toxic contaminants in the foods crops grown from the polluted urban runoff: A qualitative and quantitative assessment”

Ms. Chow Yuh Nien

Faculty of Engineering

Universiti Sains Malaysia

**Recipient of Year 2016 MTSF Science & Technology Research Grant
(Funded by Toray Science Foundation, Japan)**

“Biofilm disruption activity of alpha-tocopherol (Vitamin E)
- Mechanism of action and its potential applications”

Dr. Christina Injan Anak Mawang

Monash University Malaysia

Recipient of Year 2016 MTSF Science & Technology Research Grant

“Synthesis of Intercalated Fenopropfen Into Layered Double Hydroxides
for the Formulation of Controlled Release Anti-Inflammatory Drug”

Ms. Monica Limau Anak Jadam

Faculty of Applied Sciences

Universiti Teknologi MARA

Recipient of Year 2016 MTSF Science & Technology Research Grant

“Synthesis and Characterization of Novel Conducting PMMA-based Polymer via
In Situ Free Radical Polymerization in Ionic Liquid for Electrochemical Devices”

Ms. Nabilah Akemal Muhd Zailani

Faculty of Applied Sciences

Universiti Teknologi MARA

Recipient of Year 2016 MTSF Science & Technology Research Grant