



YPASM RESEARCH GRANT 2017

| No. | Recipient | Institution | Discipline | Research Title | Duration | Amount (RM) |
|-----|--|---|----------------------|--|----------|-------------|
| 1. | Prof. Dr Raja Noor Zaliha Raja Abd Rahman | Faculty of Biotechnology and Biomolecular Sciences, UPM | Biological Sciences | Expression and structural characterization of fatty acid desaturase from Antarctic bacteria | 2 years | 100,000 |
| 2. | Prof. Madya Dr. Justin Sentian | Faculty of Science and Natural Resources, UMS | Atmospheric Sciences | Modelling Approach in Simulating Stratosphere-Troposphere Exchange (STE) under Climate Change Scenarios: Occurrence and Characterisation of Tropopause and Tropospheric Ozone Chemistry | 3 years | 150,000 |
| 3. | Prof. Dato' Dr. Azizan Abu Samah/ Dr. Sheeba Nettukandy Chenoli | National Antarctic Research Centre, UM | Atmospheric Sciences | A comprehensive investigation on the characteristics of near surface wind field and boundary layer in the Jang Bogo station, Terra Nova Bay, Antarctica, through observational and numerical simulation studies. | 3 years | 150,000 |
| 4. | Prof. Madya Dr. Hajah Farida Zuraina Mohd Yusof | Faculty of Applied Sciences, UiTM | Biological Sciences | Characterization of Mycosporine-like Amino Acids (MAAs), a Photoprotecting Compound against Ultraviolet B (UV-B) from Antarctic cyanobacteria | 2 years | 86,100 |
| 5. | Dr Rozida Mohd Khalid | Faculty of Science and Technology, UKM | Biological Sciences | <i>Glaciozyma antarctica</i> : Unlocking the Secrets of Secondary Metabolites Involved in Cold Adaptation | 2 years | 100,000 |