

**RESEARCH GROUP @ BIOTECH UPM (1 NOV 2021)**  
**FACULTY OF BIOTECHNOLOGY AND BIOMOLECULAR SCIENCES**

| NO | RESEARCH GROUP                     |    | GROUP LEADER/MAIN RESEARCHERS                      | ASSOCIATE MEMBERS                        | EXTERNAL MEMBERS       |
|----|------------------------------------|----|----------------------------------------------------|------------------------------------------|------------------------|
| 1  | Enzyme and Microbial Technology    | 1  | Prof. Dr. Raja Noor Zaliha Raja Abd. Rahman (GL)   | Dato' Dr. Abu Bakar Salleh (Amal Putra)  |                        |
|    |                                    | 2  | Prof. Madya Dr. Mohd Shukuri Mohamad Ali           | Dr. Nor Hafizah Ahmad Kamaruddin (Asasi) |                        |
|    |                                    | 3  | Dr. Fairolniza Mohd Sharif                         |                                          |                        |
|    |                                    | 4  | Prof. Madya Dr. Normi Mohd Yahaya                  |                                          |                        |
|    |                                    | 5  | Prof. Madya Dr. Adam Leow Thean Chor               |                                          |                        |
|    |                                    | 6  | Prof. Madya Dr. Siti Nurbaya Oslan                 |                                          |                        |
|    |                                    | 7  | Prof. Madya Dr. Asilah Ahmad Tajuddin              |                                          |                        |
|    |                                    | 8  | Prof. Madya Dr. Suriana Sabri                      |                                          |                        |
|    |                                    | 9  | Dr. Noor Dina Muhd Noor                            |                                          |                        |
|    |                                    | 10 | Dr. Sharifah Alawieyah Syed Mortadza               |                                          |                        |
| 2  | Biomass and Biorefinery            | 1  | Prof. Dato' Dr. Mohd Ali Hassan (GL)               | Dr. Ezyana Kamal Bahrain (Asasi)         |                        |
|    |                                    | 2  | Prof. Dr. Suraini Abd. Aziz                        |                                          |                        |
|    |                                    | 3  | Prof. Dr. Hidayah Ariffin                          |                                          |                        |
|    |                                    | 4  | Prof. Madya Dr. Mohd Rafein Zakaria                |                                          |                        |
|    |                                    | 5  | Prof. Madya Dr. Norhayati Ramli                    |                                          |                        |
|    |                                    | 6  | Prof. Madya Dr. Mohd Zulhairi Mohd Yusoff          |                                          |                        |
|    |                                    | 7  | Prof. Madya Dr. Mohamad Faizal Ibrahim             |                                          |                        |
|    |                                    | 8  | Dr. Ahmad Muhaimin                                 |                                          |                        |
| 3  | Bioprocessing and Biomanufacturing | 1  | Prof. Dr. Rosfarizan Mohamad (GL)                  | Dr. Siti Efliza Ashari (Asasi)           | Dr. Tan Joo Shun (USM) |
|    |                                    | 2  | Prof. Dr. Shuhaimi Mustafa                         | Prof. Dr. Arbakariya Ariff (Amal Putra)  |                        |
|    |                                    | 3  | Prof. Dr. Lai Oi Ming                              |                                          |                        |
|    |                                    | 4  | Prof. Datuk Wira Dr. Raha Abdul Rahim              |                                          |                        |
|    |                                    | 5  | Prof. Madya Dr. Nor'Aini Abdul Rahman              |                                          |                        |
|    |                                    | 6  | Prof. Madya Dr. Helmi Wasoh@Mohamad Isa            |                                          |                        |
|    |                                    | 7  | Prof. Madya Dr. Murni Halim                        |                                          |                        |
|    |                                    | 8  | Dr. Mohd Shamzi Mohamed                            |                                          |                        |
|    |                                    | 9  | Dr Fadzlie Wong Faizal Wong                        |                                          |                        |
|    |                                    | 10 | Dr. Mohamad Zufazli bin Mohd Sobri                 |                                          |                        |
|    |                                    | 11 | Prof. Madya Dr. Phang Lai Yee                      |                                          |                        |
|    |                                    | 12 | Prof. Madya Dr. Zetty Norhana Balia Yusof          |                                          |                        |
|    |                                    | 13 | Dr. Nur Adeela Yasid                               |                                          |                        |
| 4  | Medical Biotechnology              | 1  | Prof. Datin Paduka Dr. Khatijah Yusoff (GL)        |                                          |                        |
|    |                                    | 2  | Prof. Madya Dr. Chua Suet Lin                      |                                          |                        |
|    |                                    | 3  | Dr. Adelene Song Ai Lian                           |                                          |                        |
|    |                                    | 4  | Dr. Salla Ismail                                   |                                          |                        |
|    |                                    | 5  | Prof. Dr. Tan Wen Siang                            |                                          |                        |
|    |                                    | 6  | Dr. Irwan Hanish Warsanah                          |                                          |                        |
|    |                                    | 7  | Prof. Madya Dr. Noorjahan Banu bt Mohamed Alitheen |                                          |                        |
| 5  | Lactic Acid Bacteria               | 1  | Prof. Dr. Foo Hooi Ling (GL)                       |                                          |                        |
|    |                                    | 2  | Prof. Madya Dr Nurulfiza Mat Isa                   |                                          |                        |

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|----|-----------------------------------------------|---|-------------------------------------------------------------|---------------------------------------|--|
|    |                                               | 3 | Prof Datuk Wira Dr. Raha Abdul Rahim                        |                                       |  |
|    |                                               | 4 | Prof. Madya Dr. Wan Zuhainis Saad                           |                                       |  |
|    |                                               | 5 | Prof. Dr. Rosfarizan Mohamad                                |                                       |  |
|    |                                               | 6 | Prof. Dr. Shuhaimi Mustafa                                  |                                       |  |
|    |                                               | 7 | Prof. Madya Dr. Siti Sarah Othman                           |                                       |  |
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| 6  | Food and Microbiome Technology                | 1 | <b>Prof. Dr. Shuhaimi Mustafa (GL)</b>                      |                                       |  |
|    |                                               | 2 | Prof. Madya Dr. Mohd Termizi Yusof                          |                                       |  |
|    |                                               | 3 | Dr. Amalia Mohd. Hashim                                     |                                       |  |
|    |                                               | 4 | Prof. Madya Dr. Wan Zuhainis Saad                           |                                       |  |
|    |                                               | 5 |                                                             |                                       |  |
|    |                                               | 6 |                                                             |                                       |  |
| 7  | Plant Biochemistry                            | 1 | <b>Prof. Madya Dr. Noor Azmi Shaharuddin (GL)</b>           |                                       |  |
|    |                                               | 2 | Prof. Madya Dr. Zetty Norhana Balia Yusof                   |                                       |  |
|    |                                               | 3 | Dr. Azzreena Mohd Azzeme                                    |                                       |  |
|    |                                               |   |                                                             |                                       |  |
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| 8  | Animal Biochemistry                           | 1 | <b>Prof. Madya Dr. Syahida Ahmad (GL)</b>                   |                                       |  |
|    |                                               | 2 | Dr. Suhaili Samsi                                           |                                       |  |
|    |                                               | 3 | Dr. Mohd Ezuan Khayat                                       |                                       |  |
|    |                                               | 4 | Dr. Shafinaz Abd Ghani                                      |                                       |  |
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| 9  | Natural Product and Biotherapeutic            | 1 | <b>Prof. Madya Dr. Muhajir Hamid (GL)</b>                   |                                       |  |
|    |                                               | 2 |                                                             |                                       |  |
|    |                                               | 3 |                                                             |                                       |  |
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| 10 | Biotechnology of plant stress and development | 1 | <b>Prof Dr Ho Chai Ling (GL)</b>                            |                                       |  |
|    |                                               | 2 | Assoc. Prof. Dr Noor Baity Saidi                            |                                       |  |
|    |                                               | 3 | Dr Dhilia Udie Lamasudin                                    |                                       |  |
|    |                                               | 4 | Dr. Nadiya Akmal Baharum                                    |                                       |  |
|    |                                               | 5 | Dr Nur Fatihah Mohd Yusoff                                  |                                       |  |
|    |                                               | 6 | Assoc Prof. Dr. Parameswari Namasivayam                     |                                       |  |
|    |                                               | 7 | Assoc. Prof. Dr. Janna Ong Abdullah                         |                                       |  |
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| 11 | Cancer Diagnostics and Therapeutics           | 1 | <b>Prof. Madya Dr. Nik Mohd Afizan Nik Abd Rahman (GL)</b>  |                                       |  |
|    |                                               | 2 | Dr. Mohd Azuraiddi Osman                                    |                                       |  |
|    |                                               | 3 | Prof. Madya Dr. Siti Sarah Othman                           |                                       |  |
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| 12 | Bioremediation                                | 1 | <b>Prof. Dr. Yunus Abd Shukor (GL)</b>                      |                                       |  |
|    |                                               | 2 | Prof. Madya Dr. Siti Aqlima Ahmad                           |                                       |  |
|    |                                               | 3 | Dr. Nur Adeela Yasid                                        |                                       |  |
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| 13 | Nano X Bioconvergence                         | 1 | <b>Prof. Madya Ts. Dr. Amir Syahir Bin Amir Hamzah (GL)</b> | Prof Datin Paduka Dr. Khatijah Yusoff |  |
|    |                                               | 2 | Prof. Madya Dr. Asilah Ahmad Tajudin                        | Prof. Dr. Rosfarizan Mohamad          |  |
|    |                                               | 3 | Prof. Madya Dr. Mas Jaffri Masarudin                        | Dr. Che Azurahaman Che Abdullah (FS)  |  |
|    |                                               | 4 | Prof. Madya Dr. Siti Sarah Othman                           | Prof. Dr. Yunus Abd Shukor            |  |
|    |                                               |   |                                                             | Dr. Suhaili Shamsi                    |  |