

**CURRICULUM VITAE**

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| **A. BUTIR-BUTIR PERIBADI *(Personal Details)*** |
| Nama Penuh *(Full Name)* | NUR KARTINEE BT KASSIM | Gelaran *(Title):*Dr |
| No. MyKad / No. Pasport *(Mykad No. / Passport No.)*720122035128 | Warganegara *(Citizenship)*MALAYSIAN | Bangsa *(Race)*MELAYU | Jantina *(Gender)* PEREMPUAN |
| Jawatan *(Designation)*PENSYARAH KANAN |  | Tarikh Lahir *(Date of Birth)* | 22-1-1972 |

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| Alamat Semasa *(Current Address)* | Jabatan/Fakulti *(Department/Faculty)*  | E-mel dan URL *(E-mail Address and URL)* |
| NO. 13, LENGKOK MEKAR 1PUNCAK MEKAR, KAJANG 43000SELANGORTel: | JABATAN KIMIA,FAKULTI SAINSUPM SERDANGTel:03-89466803Fax: | E-mail:kartinee@upm.edu.myURL:H/P:0126775734 |

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| **B. KELAYAKAN AKADEMIK *(Academic Qualification)*** |
| Nama Sijil / Kelayakan *(Certificate / Qualification obtained)* | Nama Sekolah Institusi *(Name of School / Institution)* | Tahun *(Year obtained)* | Bidang pengkhusususan *(Area of Specialization)* |
| PhD   | Universiti Putra Malaysia,Serdang, Selangor | 2014 | Natural Product Drug Discovery and Antioxidant |
| Msc | Universiti Kebangsaan Malaysia, Bangi, Selangor | 2002 | Biokimia (Anticancer) |
| Bsc | Flinders University of South Australia, Adelaide, SA | 1996 | Kimia dan Biologi |

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| **C. PENGALAMAN SAINTIFIK DAN PENGKHUSUSAN** ***(Scientific experience and Specialisation)*** |
| *Organization* | *Position* | *Start Date*  | *End Date*  | *Expertise* |
| Royal Society of Chemistry | Associate Member | 2017 | To date | Natural Chemistry |
| Malaysian Association for Cancer Research (MACR) | Committee | 2018 | lifetime Membership | Natural Product |

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| **D.PEKERJAAN *(Employment)*** |
| Majikan */ Employer* | Jawatan */ Designation* | Jabatan / *Department* | Tarikh lantikan / *Start Date* | Tarikh tamat / *Date Ended* |
| Universiti Putra Malaysia | Senior Lecturer | Chemistry | 2014 | Present |
| Universiti Islam Antabangsa Malaysia  | Lecturer | Chemistry | 2001 | 2008 |
| Universiti Sains Malaysia, USM Kubang Kerian | Research Officer  | Physiology | 1996 | 1998 |

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| **E. ANUGERAH DAN HADIAH** *(Honours and Awards)* |
| *Name of awards* | *Award Authority* | *Award Type* | *Year* |
| **RESEARCH AWARD** | Simposium Kimia Analisis Malaysia (Malaysian International Symposium on Analytical Sciences) ke 28, IPOH, PERAK, MALAYSIA | Best Poster | 2015 |
| Fundamental Science Congress ke 28, Faculty of Science, Universiti Putra Malaysia. 2016. | Best Poster | 2016 |
| International Conference of Nutrition and Food Sciences, 2016. Bali, Indonesia. | Best Paper | 2016 |
| Pameran Rekacipta, Penyelidikan dan Inovasi  | Gold Medal | 2016 |
| MTE 2020 Invention &amp;Innovation Awards2020, PWTC, 20-22 Feb 2020 | Bonze Medal |  |
| 1. *[New Composition for Insecticides](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)***[PI 2016704766](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)** [( Status :Pending) (Main researcher)](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)

[2.](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul) *[New secodammarane acid derivative and application](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)***[P1 2016704546](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)** [(Status :Pending)](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)[(Main researcher)](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)[3.](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul) *[Therapeutic Thermal Regulation Device and Method to Manufacture Thereof](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)* **[PI2018701432](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)**[(Status: Pending)(Main researcher)](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)[4.](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul) *[New Formulation Composition For Insect Pest Managemen](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)*[t](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul) **[PI 2019000063 ; PCT/MY2017/000034](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul)** [(Status :Pending](http://prims.upm.edu.my/action.do?do=gNrmNF25yWqV1O7AvmlNhlSMvoVATgOWc+jmkSZCtEg=&pages=pub&menu=penerbitan&article=intellectual_patent&kc_id=9" \l "myModul) )(Main researcher)1. *Method for Extracting Calcium from Lemon Myrtle* (2019)

**PI 2019004000** (Status: Pending)(Co- researcher)*6 6.Paedeia Foetida* Extract Standardized In Total Antidabetic Agent and Antioxidant Content (2020) **PI 2020000673** (Status: Pending) ((Main researcher)  | Patent | 201620162018201920192020 |
| **RESEARCH MERIT** | 1. *New Formulation Composition For Insect Pest Managemen*t -Main researcher
2. Aromateraphy and Massage Oil Formulation Containing Essential Oil Derived from Backhousia Citriodora F. Muell (Lemon Myrtle
3. Sekuriti Tanaman Sayuran

4,Due Diligence Tahun Pengkomersialan Malaysia (MCY)5.International Greentech & Eco Products Exhibition & Conference Malaysia (IGEM) 2020 | Licencing AgreementTechnology know howKeratan Akhbar: **Sinar Harian** PresenterExhibitor (Guest) | 2020202013/2/202020202020 |
| **ACADEMIC AWARDS** | Anugerah Perkhidmatan Cemerlang | Sijil | 2017, 2018,2019 |
|  Pengajaran Cemerlang | Sijil  | 2016, 2017,2018,2019 |
| Pertandingan Amalan Inovasi Pengajaran dan Pembelajaran Terbaik Fakulti/Pusat | Sijil Penghargaan | 2018 |
| Centre For Foundation Studies, International Islamic University, Petaling Jaya.  | Best Teacher (Chemistry) | 2006 |
| **NON-ACADEMIC AWARDS** | Illuminator Spray From Palm Oil (4 Stars)Cucumber As Cooling Patch (5 Stars) | SIJILPROJEK KOMUNITI BERIMPAK TINGGI(UPM) | 2017 |
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| **F. SENARAI PENERBITAN (Sila masukan nama pengarang, tajuk, nama jurnal, jilid, muka surat dan tahun diterbitkan)** *(List of publications – author (s), title, journal, volume, page and year published)* |
| *Journal* |  Dai Chuan Tan, Alexandra Quek, **Nur Kartinee Kassim**, Intan Safinar Ismail. Rapid quantification and validation of biomarker scopoletin in Paederia foetida by qNMR and UV-Vis for herbal preparation. Submitted to Molecules 2020 (Q2, IF: 3.267)-under reviewDai Chuan Tan, **Nur Kartinee Kassim**, Intan Safinar Ismail, Siok Geok Chong. Identification of Dipeptidyl peptidase-4 Inhibitors in Paederia foetida Twigs by Nuclear Magnetic Resonance Metabolomics International Journal of Molecular Sciences (Q2, IF: 4.556) -under reviewPei Cee Lim, Zulfiqar Ali, Ikhlas A. Khan, Shabana I. Khan, **Nur Kartinee Kassim,** Khalijah Awang, Khozirah Shaari, Amin Ismail. Constituents from the leaves of Melicope latifolia and their cytotoxicity activity. Natural Product Research. (JIF: 2.158; Q2) (under review)Alexandra Quek, **Nur Kartinee Kassim**, Amin Ismail, Muhammad Alif bin Mohammad Latif, Khozirah Shaari, Dai Chuan Tan, Pei Cee Lim.UHPLC-QTOF MS/MS based phytochemical profiling and antidiabetic properties of Melicope glabra (blume) T.G. Hartley (Rutaceae) extracts: in vitro and in silico approaches. Phytochemical Analysis (Q2, IF:2.267)-under reviewJoanne Ling, Latifah Saiful Yazan, **Nur Kartinee Kassim,** Che Azura Rahim, Nuriadah, Pei Cee Lim and Dai Chuan Tan (2020). Cytotoxicity activity of Christia vespertilionis root and leaf extracts and Fractions against Breast cancer. MoleculesMirfat Ahmad Hasan Salahuddin, Ismail A, **Kartinee Kassim**, Muhajir Hamid, Mohd Shukri Mat Ali. (2020). Phenolic profiling and evaluation of in vitro antioxidant, α-glucosidase and α-amylase inhibitory activities of Lepisanthes fruticosa (Roxb) Leenh fruit extracts. Food Chemistry. (Q1, IF: 6.306) Dai Chuan Tan, **Nur Kartinee Kassim,** Intan Safinar Ismail, Muhajir Hamid, and Muhammad Safwan Ahamad Bustamam, “Identification of Antidiabetic Metabolites from Paederia foetida L. Twigs by Gas Chromatography-Mass Spectrometry-Based Metabolomics and Molecular Docking Study,” BioMed Research International, vol. 2019, Article ID 7603125, 14 pages, 2019. <https://doi.org/10.1155/2019/7603125.> Dai Chuan Tan, Ku Idayu Idris, **Nur Kartinee Kassim,** Pei Cee Lim, Intan Safinar Ismail, Muhajir Hamid & Rou Chian Ng (2019) Comparative study of the antidiabetic potential of Paederia foetida twig extracts and compounds from two different locations in Malaysia, Pharmaceutical Biology, 57:1, 345-354, DOI: 10.1080/13880209.2019.1610462.Lim, P. C., Ramli, H., Kassim, N. K., Ali, Z., Khan, I. A., Shaari, K., & Ismail, A. (2019). Chemical constituents from the stem bark of Clausena excavata Burm. f. Biochemical Systematics and Ecology, 82. (JIF: 1.127; Q4) Kassim, N. K., Lim, P. C., Ismail, A., & Awang, K. (2018). Isolation of antioxidative compounds from Micromelum minutum guided by preparative thin layer chromatography-2, 2-diphenyl-1-picrylhydrazyl (PTLC-DPPH) bioautography method. Food Chemistry, 272. (JIF: 5.399; Q1)Peter M. Waziri, Rasedee Abdullah, Rosita Rosli, Abdul Rahman Omar, Ahmad Bustamam Abdul, **Nur Kartinee Kassim**, Ibrahim Malami, Imaobong C. Etti, Palanisamy Arulselvan & Ashwaq Shakir Al-Abboodi. 2018. Clausenidin upregulated p53 and caused apoptosis in HT-29 tumor cell lines. African Journal of Biotechnology.C. Ng, **Nur Kartinee Kassim**, Y.S.Y. Yeap, G.C.L. Ee, Saiful Latifah Yazan & Khalid Hamid MUSA. 2018. Isolation of Carbazole Alkaloids and Coumarins from Aegle marmelos and Murraya koenigii and Their Antioxidant Properties.. Sains Malaysiana Ahmad Hasan Salahuddin Mirfata,, Ismail Amin, **Kassim Nur Kartinee** , Hamid Muhajir and Mat Ali Mohd Shukri. 2018. Underutilised fruits: a review of phytochemistry and biological properties. Journal of Food Bioactives.A. Che Rahim, M.F. Abu Bakar, **N.K. Kassim**, J. Stanslas And W.N.I. & Wan Mohamad Zain. 2018. Selective Cytotoxic Activity Of Methyl-3,4,5-Trihydroxybenzoate Isolated From Kernel Of Bambangan (*Mangifera Pajang*). Asian Journal Of ChemistryYunie Soon Yu Yeap, **Nur Kartinee Kassim,** Rou Chian Ng, 2017. Antioxidant properties of ginger (Kaempferia angustifolia Rosc.) and its chemical markers. *International Journal of Food Properties*Ibrahim Malami1, Ahmad Bustamam Abdul, Rasedee Abdullah, **Nur Kartinee Kassim**, Rozita Rosli1,Swee Keong Yeap, Peter Waziri1, Imaobong Christopher Etti, Muhammad Bashir Bello. 2017. Crude Extracts, Flavokawain B and Alpinetin Compounds from the Rhizome of Alpinia mutica Induce Cell Death via UCK2 Enzyme Inhibition and in Turn Reduce 18S rRNA Biosynthesis in HT-29 Cells*PLOS ONE* **Nur Kartinee Kassim,** Lim Pei Cee, Amin Ismail, Gwendoline Cheng Lian Ee And Khalijah Awang(2017).New Antioxidant Glycoside From *Melicope Glabra* (*Rutaceae*). InBiological Activities Of Organic Compounds, FSC Ebook-Chemistry Volume 1Peter M. Waziri, Rasedee Abdullah, Swee Keong Yeap, Abdul Rahman Omar, **Nur Kartinee Kassim**, Ibrahim Malami, Chee Wun HoW, Imaobong Christopher Etti &Mary Ladidi Abu 2016. Clausenidin from Clausena excavata induces apoptosis in hepG2 cells via the mitochondrial pathway. *Journal of Ethnopharmacology* Ibrahim Malami, Ahmad Bustamam Abdul , Rasedee Abdullah, **Nur Kartinee Kassim**, Peter Waziri & Imaobong Christopher Etti.2016. In Silico Discovery of Potential Uridine-Cytidine Kinase 2 Inhibitors from the Rhizome of Alpinia mutica. *Molecules* Seok Fang Oon, Meenakshii Nallappan, **Nur Kartinee Kassim,** Shamarina Shohaimi, Mohd Shazrul Fazry Sa'ariwijaya, Thiam Tsui Tee & Yew Hoong Cheah.2016Hypolipidemic activities of xanthorrhizol purified from centrifugal TLC.*Biochemical and Biophysical Research Communications* Seok Fang Oon, Meenakshii Nallappan, Thiam Tsui Tee, Shamarina Shohaimi, **Nur Kartinee Kassim**, Mohd Shazrul Fazry Sa’ariwijaya & Yew Hoong Cheah.2015Xanthorrhizol: A review of its pharmacological activities and anticancer properties. *Cancer Cell International* Ee Shian Tan, Aminah Abdullah & **Nur Kartinee Kassim**.2015. Extraction of steroidal glycoside from small-typed bitter gourd (Momordica charantia L.). *Journal of Chemical and Pharmaceutical Research* Ee Shian T., Aminah A., **Nur Kartinee K.** & Shahrul Hisham Z. A.2015.Antioxidant and Hypoglyceamic Effects of Local Bitter Gourd Fruit (Momordica charantia). *International Journal of PharmTech Research.* Adegoke Damilola Samuel, Khozirah Shaari, **Nur Kartinee Kassim,**Yaya Rukayadi & Muhammad Tayyab Akhtar.2015. Bioassay-guided isolation of anticandidal constituents from the stem and bark woods of Albizia myriophylla Benth. *Medicinal Plants - International Journal of Phytomedicines and Related Industries* **Nur Kartinee Kassim**, Mawardin Rahmani, Amin Ismail, Mohd Aspollah Sukari,Gwendoline Cheng Lian Eee, Nadiah Md Nasir And Khalijah Awang.2013. Antioxidant Activity-Guided Separation Of Coumarins And Lignan From Melicope Glabra (Rutaceae). *Food Chemistry*. 139(1-4):87-92[Nadiah Mad Nasir](http://www.mdpi.com/search?authors=Nadiah%20Mad%20Nasir), [Mawardi Rahmani](http://www.mdpi.com/search?authors=Mawardi%20Rahmani), [Khozirah Shaari](http://www.mdpi.com/search?authors=Khozirah%20Shaari), [Gwendoline Cheng Lian Ee](http://www.mdpi.com/search?authors=Gwendoline%20Cheng%20Lian%20Ee), Rusea Go, [**Nur Kartinee Kassim**](http://www.mdpi.com/search?authors=Nur%20Kartinee%20Kassim), [Siti Noor Kamilah Muhamad](http://www.mdpi.com/search?authors=Siti%20Noor%20Kamilah%20Muhamad) and [Mohd Johadi Iskandar](http://www.mdpi.com/search?authors=Mohd%20Johadi%20Iskandar). Two New Xanthones From *Calophyllum Nodusum* (Guttiferae). 2011. Molecules. 16(11): 8973-8980

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| [Faiqah Ramli](http://www.sciencedirect.com/science/article/pii/S1874390013001304), [Mawardi Rahmani](http://www.sciencedirect.com/science/article/pii/S1874390013001304), [**Nur Kartinee Kassim**](http://www.sciencedirect.com/science/article/pii/S1874390013001304), [Najihah Mohd Hashim](http://www.sciencedirect.com/science/article/pii/S1874390013001304), [Mohd Aspollah Sukari](http://www.sciencedirect.com/science/article/pii/S1874390013001304), [Abdah Md Akim](http://www.sciencedirect.com/science/article/pii/S1874390013001304) and [Rusea Go](http://www.sciencedirect.com/science/article/pii/S1874390013001304), 2013.New Diprenylated Dihyrochalcones From Leaves of Artocarpus Elasticus  |

*Phytochemistry Letters*. 6 (4): 582–585.Nadiah Mad Nasir, Mawardi Rahmani, Khozirah Shaari, **Nur Kartinee Kassim**, Rusea Go, Johnson Stanslas and Ethel Jeyaseela Jeyaraj. 2013. Xanthones From Calophyllum Gracilipes and Their Cytotoxic Activity *Sains Malaysiana*. 42(9):1261–126 |
| *Proceedings* | Pei Cee Lim , Hafizah Mohd Zaini, Kuan Xiu Sim, **Nur Kartinee Kassim,** Zamirah Zainal Abidin, Khozirah Shaari, Amin Ismail & Khalijah Awang. 2019. Evaluation of Oxygen Radical Absorbance Capacity (ORAC), antibacterial properties and chemical constituents of Melicope Glabra (Blume) T.G. Hartley and Micromelum minutum (G. Forst.) Wight and Arn. The 35th International Conference on Natural Products (ICNP2019), Sarawak Dai Cuan Tan, Ku Idayu Idris, **Nur Kartinee Kassim**, Pei Cee Lim, Intan Safinar Ismail, Muhajir hamid & Rou Chian Ng. 2018. Isolation of scopoletin from *Paederia foetida* and its antidiabetic potential using in silico model. International Conference on Drug Discovery and Translational Medicine 2018 (ICDDTM '18). Putrajaya.[Pei Cee Lim](https://www.frontiersin.org/people/Pei_CeeLim/630342), [**Nur Kartinee Kassim**](https://www.frontiersin.org/Community/WhosWhoActivity.aspx?sname=&UID=0), [Zulfiqar Ali](https://www.frontiersin.org/people/ZulfiqarAli_1/587085), [Ikhlas Khan](https://www.frontiersin.org/people/IKHLASKHAN/587094), [Shabana I. Khan](https://www.frontiersin.org/people/ShabanaKhan_1/170600), [Khozirah Shaari](https://www.frontiersin.org/people/KhozirahShaari/630387) and Amin Ismail. 2018. Evaluation of cellular antioxidant activity and chemical constituents of *Melicope latifolia* (DC.) T. G. Hartley. International Conference on Drug Discovery and Translational Medicine 2018 (ICDDTM '18). Putrajaya.Hafizah Mohd Zaini, **Nur Kartinee Kassim**, Zamirah Zainal Abidin, Wan Noorina Jaafar & Nurul Nuha Kamal Bahrain. 2018. Evaluation of antibacterial activity and chemical constituents of *Melicope glabra* (Blume) T. G. Hartley. International Conference on Drug Discovery and Translational Medicine 2018 (ICDDTM '18). Putrajaya.Yunie Soon Yu, **Nur Kartinee Kassim**, Rou Chian Ng, Gwendoline Cheng Lian Ee & Latifah Saiful Yazan. 2018. The effect of *Kaempferia Angustifolia* Rosc. extracts and its secondary metabolites on lipid peroxidation and cytotoxicity in breast cancer cell line. 10th Internaional Fundamental Science Congress. Kajang, Selangor.Pei Cee Lim, Zulfiqar Ali, **Nur Kartinee Kassim** & Ikhlas A. Khan. 2018. Inhibitory effect on *Streptococcus mutans* and chemical constituents of *Melicope latifolia* leaves extracts. International Conference on the Science of Botanicals. Mississippi, USA.Pei Cee Lim, Zulfiqar Ali, **Nur Kartinee Kassim** & Ikhlas A. Khan. 2018. Evaluation of antioxidant and chemical constituents of *Clausena excavate* Burm. F. International Conference on the Science of Botanicals. Mississippi, USA.Yunie Soon Yu Yeap, **Nur Kartinee Kassim**, Rou Chian Ng, Gwendoline Cheng Lian Ee & latifah Saiful Yazan. 2017. A new cytotoxic and antioxidant secodammarane acid derivative from *Kaempferia angustifolia* Rosc. International malaysian French Scientific Conference. Universiti Malaya, Selangor.Noremy Paimin, **Nur Kartinee Kassim**, Johnson Stanslas, Nurulssaadah Ismail. 2016. Cupric, ferric reducing ability and beta-carotene bleaching of Boesenbergia rotunda and its chemical constituents. International Conference on Natural Products Kuala Terengganu. Yunie Yeap SooYu, **Nur Kartinee Kassim**, Khalid Hamid Musa, Aminah Abdullah. 2016. Measurement of Antioxidant Activity and Structural Elucidation of Chemical Constituents from Aglaia oligoph. International Proceedings of Chemical, Biological and Environmental Engineering. Bali, Indonesia Rou Chian, **Nur Kartinee Kassim**, Yunie Soon yu Yeap, Gwendoline Cheng Lian EeAntioxidant Capacities Of Malayan Murraya koenigii . 2016 Phuket, Thailand Pei Cee Lim, **Nur Kartinee Kassim**, Ismail A, Khalid Hamid Musa. 2015.Antioxidant Capacities of Melicope latifolia Leaf Methanol Extract. Ee Shian Tan, Aminah Abdullah & **Nur Kartinee Kassim**. 2015. Effect of Ripening Stage on Anti Diabetic and Antioxidant Properties of Partially Purified Charantin Extract from Bitter Gourd (Momordica charantia L.). 9th Asia Pacific Conference on Clinical Nutrition: Prevention and Management of Diseases Through the Life Cycle. Shangri-La Hotel, Kuala Lumpur: Nutrition Society of Malaysia **Nur Kartinee Kassim**, Mawardi Rahmani, Amin Ismail, Mohd Aspollah Sukari and Aminah Abdullah. 2013. Assay Guided Isolation of Glycosides from *Micromilum Minutum* (Rutacae) With Antioxidant Activities. International Conference On Natural Products, 2013. Shah Alam, Malaysia **Nur Kartinee Kassim**, Mawardi Rahmani, Amin Ismail, Mohd Aspollah Sukari, Aminah Abdullah and Khalid Hamid Musa. 2012. Antioxidant Capacity of *Melicope glabra* and Isolation of Two Glycosides. 17th Malaysian Chemical Congress, 2012. Kuala Lumpur, Malaysia. **Nur Kartinee Kassim**, Mawardi Rahmani and Amin Ismail. Phenolic Compounds and Antioxidant Capacity of *Melicope glabra* (Rutacea). 2012. Fundamental Sciences Congress, 2012. University Putra Malaysia (UPM), Serdang, Malaysia **Nur Kartinee Kassim**, Mawardi Rahmani, Amin Ismail, Aminah Abdullah and Khalid Hamid Musa. 2012. The Measurement of Antioxidant Capacity of *Melicope glabra* by ORAC-FL and DPPH and its Chemical Constituents 3rd International Conference on Chemistry and Chemical Engineering, 2012. Jeju Island, South Korea. |

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| **H. PROJEK PENYELIDIKAN TERDAHULU***(Past Research Project)* |
| *NO* | TITLE | ROLE | YEAR | GRANT | STATUS |
| 1 | Aromateraphy and Massage Oil Formulation Containing Essential Oil Derived from Backhousia Citriodora F. Muell (Lemon Myrtle) | Co-Investigato | 2019 | Private grant | On-going |
| 2 | Characterization of enzyme inhibitors from Melicope glabra (setenggek burung) and Melicope latifolia (kisampang): in vitro,in silico and in vivo approaches for diabetes type 2 therapy | Prime-Investigator | 2019 | Fundamental Research Grant | On-going |
| 3 | Antidiabetic Activity of Bioactive Fractions from Lepisanthes Fruticosa Fruits in Diabetic Animals | Co-Investigator | 2018 | Geran Putra Inisiatif Siswazah  | On-going |
| 4 | Synthesis of New 8-O-4'- Neolignan Derivatives from Methyl Sinapate and Methyl Ferulate and their Insecticidal Activity | Co-Investigator | 2018 | GP Putra | On-going |
| 5 | Characterization of xanthine oxidase inhibition compound from Strobilanthes crispus (pecah beling) and Artocarpus artilis (sukun) leaves and their in vivo mechanism-of-action for gout therapy | Co-Investigator | 2018 | Fundamental Research Grant | On-going |
| 6 | Upscaling Of Lemon Mrytle Extract(Backhousia Citriodora F. Muell) Formulation As A Bio-InsecticideFor Agriculture Insect Pest Management | Prime-Investigator | 2018 | Geran Penyelidikan Pembangunan Inovasi  | On-going |
| 7 | Optimization of lemon mrytle extract (backhousia citriodora f. Muell) formulation as a bio-insecticide for agriculture insect pest management | Prime-Investigator | 2018 | Private grant | Completed |
| 8 | Biofilm Supression Of Melicope Glabra On Oral Pathhogenic And Idenfication Of Its Active Constituents | Prime-Investigator | 2015 | Geran Putra Inisiatif Putra Muda | Completed |
| **9** | Cytotoxicity And Antiproliferative Activity Of Secodammarane Acid Derivatives From Aglaia Oligophylla | Prime-Investigator | 2016 | Geran Putra Inisiatif Siswazah | Completed |
| **10** | Cytotoxicity Study And Apoptosis Induction Of Two Rutaceae Species: Aegle Marmelos And Murraya Koenigii And Their Bioactive Markers | Prime-Investigator | 2016 | Geran Putra Inisiatif Siswazah | Completed |
| **11** | Biofilm Suppression Of *Melicope Glabra* And *Micromelum Minutum* Extracts On Pathogenic Oral Bacteria. | Prime-Investigator | 2016 | Fundamental Research Grant | On-going |
| **12** | Investigations On The Chemical Compositions Of Calophyllum Austrocoriaceum, Calophyllum Depressinervosum And Calophyllum Buxifolium Leading To The Discovery Of New Potential Antiproliferative Agents For Stomach Cancer Cell Lines | Co-Investigator | 2015 | Geran Putra Inisiatif Siswazah | Completed |
| 13 | In Silico And In Vitro Studies Of Uridine-Cytidine Kinase 2 Inhibition By Natural Bioactive Compound From Alpinia Mutica Roxb As An Anti-Colorectal Adenocarcinoma | Co-Investigator | 2015 | Geran Putra Inisiatif Siswazah  | Completed |
| 14 | Antioxidant properties capacity of Peperomia pellucida L. plant extract | Co-Investigator | 2015 | RACE | Completed |
| 15 | Synthesis of 2-arylbenzofuran and 2-aryldihydrobenzofuran neolignans and their insecticidal activity | Co-Investigator | 2015 | Fundamental Research Grant | Completed |
| 16 | Characterization of bioactive molecules from bark, leaf and fruit of bambangan (Mangifera pajang) extract to regulate cell cycle arrest and apoptosis in breast cancer cells, towards developing a novel low-toxic cancer therapy. | Co-Investigator | 2015 | Fundamental Research Grant | Completed |
| 17 | Lemon Mrytle as insecticidal agent | Prime-Investigator | 2015 | - | Completed |
| 18 | Bioavailavility Of Mango Polyphenols Using In Vitro Study | Co-Investigator | 2015 | - | On-going |
| 19 | Xanthorrhizol: In Vitro Anti-Obesity Activities And Related Mechanisms Of Actions | Co-Investigator | 2014 | - | Completed |
| 20 | Potensi Sebatian Bioaktif Daripada Peria Katak Dalam Mengatasi Masalah Diabetis Melitus Jenis Ii | Co-Investigator | 2013 | UKM | Completed |
| 21 | Bio Assay Guided Isolation And Characterization Of Anticandida Compounds Of Albizia Myriophylla | Co-Investigator | 2013 |  | Completed |

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| 1. **STUDENT SUPERVISION**
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| **Degree** | **Number of Graduated Students** |
| **Main Supervisor** | **Co-supervisor** |
| Master | 2 | 3 |
| PhD | 3 | 6 |
| **Degree** | **Number of On-Going Students** |
| **Main Supervisor** | **Co-supervisor** |
| Master | 4 | 6 |
| PhD | 2 | 4 |