

**LIST OF PUBLICATIONS PRODUCED BY YPASM GRANT RECIPIENTS SINCE 2013****TOTAL NUMBER OF PUBLICATIONS: 41****AS OF 6 November 2019**

No.	Name of Researcher	Research Support	No.	Citation
1	Dr. Abiramy Krishnan	Fellowship 2013	1.	Idid, M.R.; Krishna, A.; Smykla, J.; Alias, S.A. (2014) Isolation of microfungi from Arctic and Antarctic soils and their identification using ITS, LSU and SSU sequences. In: <i>The Arctic Biodiversity Congress</i> , 02-04 Dec 2014, Trondheim, Norway.
			2.	Krishnan, A., Convey, P., Gonzalez-Rocha, G and Alias, S. A. (2016). Production of extracellular hydrolase enzymes by fungi from King George Island. <i>Polar Biology</i> 39, 65–76.
			3.	Abneuf, Mohammed A.; Khrishnan, Abiramy; Aravena, Marcelo Gonzalez; Pang, Ka-Lai; Convey, Peter; Alias, Siti Aisyah. (2016) Antimicrobial activity of microfungi from maritime Antarctic soil. <i>Czech Polar Reports</i> , 6 (2). 141-154. <a href="https://doi.org/10.5817/CPR2016-2-13">https://doi.org/10.5817/CPR2016-2-13</a>
			4.	Krishnan, A., Convey, P., Gonzalez, M. et al. Effects of Temperature on Extracellular Hydrolase Enzymes from Soil Microfungi <i>Polar Biol</i> (2018) 41: 537. <a href="https://doi.org/10.1007/s00300-017-2215-z">https://doi.org/10.1007/s00300-017-2215-z</a>
2	Dr. Wan Mohd Rauhan Wan Hussin	Fellowship 2013	5.	Moon, Hye-Won & Wan Hussin, Wan Mohd Rauhan & Kim, Hyun-Cheol & Ahn, In-Young. (2015). The impacts of climate change on Antarctic nearshore mega-epifaunal benthic assemblages in a glacial fjord on King George Island: Responses and implications. <i>Ecological Indicators</i> . 57. 10.1016/j.ecolind.2015.04.031.
			6.	Wan Hussin W. M. R., 2016 Comparing the structure and function of the Antarctic and Tropic benthic Communities following environmental changes. <i>AACL Bioflux</i> 9(6):1244-1250.
3	Dr. Chong Chun Wie	Fellowship 2013	7.	Chong, C., Pearce, D. A., & Convey, P. (2015). Emerging spatial patterns in Antarctic prokaryotes. <i>Frontiers in Microbiology</i> , 6. doi:10.3389/fmicb.2015.01058
			8.	Supramaniam, Y., Chong, C., Silvaraj, S., & Tan, I. K. (2016). Effect of short term variation in temperature and water content on the bacterial community in a tropical soil. <i>Applied Soil Ecology</i> , 107, 279-289. doi:10.1016/j.apsoil.2016.07.003
			9.	Chong, C. W., Silvaraj, S., Supramaniam, Y., Snape, I., & Tan, I. K. (2018). Effect of temperature on bacterial community in petroleum hydrocarbon-contaminated and uncontaminated Antarctic soil. <i>Polar Biology</i> , 41(9), 1763-1775. doi:10.1007/s00300-018-2316-3
4.	Ms. Jacqueline Yong Sheau Ting	Fellowship 2014	10.	Lavin, P.L., Yong, S.T., Wong, C.M.V.L., De Stefano, M. (2016) Isolation and characterization of Antarctic psychrotroph <i>Streptomyces</i> sp. strain INACH3013 28: 433. <i>Antarctic Science (Volume 28 issue 6)</i> <a href="https://doi.org/10.1017/S0954102016000250">https://doi.org/10.1017/S0954102016000250</a>

			11	Lavin, P.L., Yong, S.T., Wong, C.M.V.L., Perez, A.R.G., Dorador, C. (2017) The trade-off between antimicrobial production and growth of an Antarctic psychrotroph <i>Streptomyces</i> sp. strain INACH3013 29: 427. <i>Antarctic Science (Volume 29 issue 5)</i> <a href="https://doi.org/10.1017/S0954102017000141">https://doi.org/10.1017/S0954102017000141</a>
5.	Ms. Yew Wen Chyin	Fellowship 2014 & 2015  Berth Support 2-13/2014	12.	Yew, W. C., Pearce, D. A., Dunn, M. J., Samah, A. A., & Convey, P. (2017). Bacterial community composition in Adélie ( <i>Pygoscelis adeliae</i> ) and Chinstrap ( <i>Pygoscelis antarctica</i> ) Penguin stomach contents from Signy Island, South Orkney Islands. <i>Polar Biology</i> ,40(12), 2517-2530. doi:10.1007/s00300-017-2162-8,
			13.	Yew, W. C., Pearce, D. A., Dunn, M. J., Adlard, S., Alias, S. A., Samah, A. A., & Convey, P. (2017). Links between bacteria derived from penguin guts and deposited guano and the surrounding soil microbiota. <i>Polar Biology</i> ,41(2), 269-281. doi:10.1007/s00300-017-2189-x, <a href="https://doi.org/10.1007/s00300-017-2189-x">https://doi.org/10.1007/s00300-017-2189-x</a>
6.	Ms. Dang Nguk Ling	Fellowship 2016	14	Chu, W., Dang, N., Kok, Y., Yap, K. I., Phang, S., & Convey, P. (2018). Heavy metal pollution in Antarctica and its potential impacts on algae. <i>Polar Science</i> . doi:10.1016/j.polar.2018.10.004 <a href="https://doi.org/10.1016/j.polar.2018.10.004">https://doi.org/10.1016/j.polar.2018.10.004</a>
7	Prof. Dr. Mohd Basyaruddin Abdul Rahman	Research Grant 2013	15.	Rahman, M. B., Aidaasmawi, A., Abdulmalek, E., & Salleh, A. B. (2016). Tailoring Peptidomimetics Antifreeze Protein From Exotic Antarctic Marine. <i>Malaysian Journal of Analytical Science</i> ,20 (3), 477-483. doi:10.17576/mjas-2016-2003-03 <a href="http://dx.doi.org/10.17576/mjas-2016-2003-03">http://dx.doi.org/10.17576/mjas-2016-2003-03</a>
			16.	Khan, M., Yusof, L. M., Rahman, M. B., Bakar, M. Z., & Mm, N. (2018). Histological and ultrastructural studies of rat skin tissues cryopreserved in $\alpha$ -HELIX Antarctic yeast oriented anti-freeze peptide (Afp1m). <i>Cryobiology</i> ,80, 179. doi:10.1016/j.cryobiol.2017.10.099 <a href="http://mjm.msm.org.my/current_issues.php?type=1&amp;journal=MJM-13-1-12&amp;article=MJM-0004-2017">http://mjm.msm.org.my/current_issues.php?type=1&amp;journal=MJM-13-1-12&amp;article=MJM-0004-2017</a>
			17.	Rahman, M. B., Asmawi, A. A. (2016). Downsizing Antifreeze Proteins to Antifreeze Peptides from Antarctica Inhabitants. <i>Journal of Biotechnology &amp; Biomaterials</i> doi: <a href="https://doi.org/10.4172/2155-952X.C1.055">10.4172/2155-952X.C1.055</a>
8.	Dr. Mohd Shahrul Mohd Nadzir	Research Grant 2014	18.	Nadzir, M.S.M., Ashfold, M.J., Khan, M.F. et al., Spatial-temporal variations in surface ozone over Ushuaia and Antarctic Region: observations from in situ measurements, satellite data and global models (2017), <i>Environmental Science and Pollution Research</i> 25: 2194. <a href="https://doi.org/10.1007/s11356-017-0521-1">https://doi.org/10.1007/s11356-017-0521-1</a>
			19.	Nadzir, M. S., Khan, M. F., Suparta, W., & Zainudin, S. K. (2017). Comparison of In situ Observation, NOAA-AIRS Satellite and MACC Model on Surface Ozone Over the Ushuaia, Southern Ocean and Antarctic Peninsula Region. <i>Space Science and Communication for Sustainability</i> ,37-45. doi:10.1007/978-981-10-6574-3_4
9.	Assoc. Prof. Dr. Cheah Yoke Kqueen	Research Grant 2014	20.	Rosandy, A. R., Nadarajah, W., Bakar, M. A., Kqueen, C. Y., Mohd. Said, M. I., Al Muqarrabun, L. M. R., & Khalid, R. (2016). Alkaloid indolizidin baharu daripada Yis Psikrofilik <i>Glyciozyma antarctica</i> PI12. <i>Malaysian Journal of Analytical Sciences</i> , 20(5), 971-977. DOI: 10.17576/mjas-2016-2005-01

10.	Prof. Sr. Dr. Mazlan Hashim	Research Grant 2015	21.	Pour, Amin & Park, Yongcheol & Hashim, Mazlan & Hong, Jong. (2018). Regional geological mapping in Northern Victoria Land, Antarctica using multispectral remote sensing satellite data. <i>IOP Conference Series: Earth and Environmental Science</i> . 169. 012081. 10.1088/1755-1315/169/1/012081.
			22.	Pour, A. B., Hashim, M., Hong, J. K., & Park, Y. (2017). Lithological and alteration mineral mapping in poorly exposed lithologies using Landsat-8 and ASTER satellite data: North-eastern Graham Land, Antarctic Peninsula. <i>Ore Geology Reviews</i> . doi:10.1016/j.oregeorev.2017.07.018
			23.	Pour, A. B., Park, Y., Park, T. S., Hong, J. K., Hashim, M., Woo, J., & Ayoobi, I. (2018). Regional geology mapping using satellite-based remote sensing approach in Northern Victoria Land, Antarctica. <i>Polar Science</i> , 16, 23-46. doi:10.1016/j.polar.2018.02.004
			24.	Hashim, M., Misbari, S., Reba, N. M., Abdul-Wahab, M. F., Pour, A. B., Said, M. F., . . . Soeed, K. (2016). Mapping snow-algae in Antarctic Peninsula with multi-temporal satellite remote sensing data. <i>2016 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)</i> . doi:10.1109/igarss.2016.7730360
			25.	Pour, A. B., Hashim, M., & Hong, J. K. (2016). Application Of Multispectral Satellite Data For Geological Mapping In Antarctic Environments. <i>ISPRS - International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences, XLII-4/W1</i> , 77-81. doi:10.5194/isprs-archives-xlii-4-w1-77-2016
11.	Ms. Yogabaanu Uluganathan	Berth Support 2013/2014	26.	Yogabaanu, U., Weber, J. F. F., Convey, P., Rizman-Idid, M., & Alias, S. A. (2017). Antimicrobial properties and the influence of temperature on secondary metabolite production in cold environment soil fungi. <i>Polar Science</i> . DOI: 10.1016/j.polar.2017.09.005
			27.	Hughes, K., Misiak, M., Ulaganathan, Y., & Newsham, K. (2018). Importation of psychrotolerant fungi to Antarctica associated with wooden cargo packaging. <i>Antarctic Science</i> , 30(5), 298-305. doi:10.1017/S0954102018000329
12.	Assoc. Prof. Dr. Siti Aqlima Ahmad	Berth Support 2016/2017	28.	Lee, G.L.Y., Ahmad, S., Yasid, N.A. et al. Biodegradation of phenol by cold-adapted bacteria from Antarctic soils, <i>Polar Biology</i> (2018) 41: 553. <a href="https://doi.org/10.1007/s00300-017-2216-y">https://doi.org/10.1007/s00300-017-2216-y</a>
			29.	Zakaria, N.N., Ahmad, S.A., Yin, G.L.L., Yasid, N.A., Manogaran, M., Subramaniam, K., Tengku Mazuki, T.A., Nawawi, N.M. and Shukor, M.Y. (2018), Biodegradation of phenol by Antarctic bacterium <i>Rhodococcus baikonurensis</i> strain AQ5-001 in the presence of heavy metals, <i>Malaysian Journal of Biochemistry &amp; Molecular Biology</i> (Volume 21, issue 3) <i>MJBMB</i> 3: 29-36
			30.	Ahmad, S.A., Asokan, G., Yasid, N.A., Nawawi, N.M., Subramaniam, K., Zakaria, N.N. and Shukor, M.Y. (2018), Effect of heavy metals on biodegradation of phenol by Antarctic bacterium: <i>Arthrobacter bambusae</i> strain AQ5-003, <i>Malaysian Journal of Biochemistry &amp; Molecular Biology</i> (Volume 21, issue 2) <i>MJBMB</i> 2: 47-51
13.	Dr. Foong Swee Yeok	Research Grants 2013	31.	Yeok, F. S., Ashfold, M. J., Khan, M. F., Robinson, A. D., Bolas, C., Latif, M. T., . . . Sasso, N. D. (2017). Spatial-temporal variations in surface ozone over Ushuaia and the Antarctic region: Observations from in situ measurements, satellite data, and global models. <i>Environmental Science and Pollution Research</i> , 25(3), 2194-2210. doi:10.1007/s11356-017-0521-1

			32.	Goh, T. L., Foong, S. Y., Nadzir, M. S., Rafek, A. G., Serasa, A. S., Hussin, A., . . . Mazlan, N. A. (2017). Uniaxial Compressive Strength of Antarctic Peninsula Rocks: Schmidt Hammer Rebound Test. <i>Sains Malaysiana</i> , 46(5), 677-684. doi:10.17576/jsm-2017-4605-01
14.	Dr. Mohamad Huzaimy Jusoh	Research Grant 2014	33.	Juhari, K., Kasran, F., & Jusoh, M. (2018). Investigation of underground resistivity measurement at King Sejong Station, Antarctic. <i>Journal of Fundamental and Applied Sciences</i> , 9(5S), 498. doi:10.4314/jfas.v9i5s.35
15.	Dr. Mai Chun Wai	Fellowship 2015	34.	Tiong, J. J. L., Loo, J. S. E., & Mai, C.-W. (2016). Global Antimicrobial Stewardship: A Closer Look at the Formidable Implementation Challenges. [Perspective]. <i>Frontiers in Microbiology</i> , 7(1860). doi: 10.3389/fmicb.2016.01860
16.	Dr. Noor Faizul Hardy	Research Grant 2015	35.	Latip, M.A.A, Mohamad, M.A.N., Yusof, F., Hamid, A.A.A., & Nordin, N.F.H ( ) Microbial Hydrolytic Enzymes: <i>In silico</i> studies between Polar and Tropical Regions, <i>Polar Science</i>
			36.	Latip, M.A.A., & Nordin, N.F.H., ( ), Antarctica as New Sources for Halal Industrial Enzymes, <i>Malaysian Journal of Fundamental and Applied Sciences</i>
			37.	Latip, M.A.A., Nordin, N.F.H., Alias, S.A., Smykla, J., Yusof, F., & Muhammad, M.A.N., ( ) Discovery of Cold-Active Protease from Antarctic Region for Bio-Prospecting, <i>Pakistan Journal of Biotechnology</i>
17.	Dr. Leelatulasi Salwom	Fellowship 2013	38.	Salwom, L., Rahman, R. A., Zaliha, R. N., Salleh, A. B., Convey, P., Pearce, D., & Shukuri, M. (2019). Isolation, Characterisation, and Lipase Production of a Cold-Adapted Bacterial Strain <i>Pseudomonas</i> sp. LSK25 Isolated from Signy Island, Antarctica. <i>Molecules</i> , 24(4), 715 doi: <a href="https://doi.org/10.3390/molecules24040715">https://doi.org/10.3390/molecules24040715</a> Impact factor:3.098, Q2
			39.	Salwom, L., Rahman, R. A., Zaliha, R. N., Salleh, A. B., Convey, P., Ali, M., & Shukuri, M. (2019). New Recombinant Cold-Adapted and Organic Solvent Tolerant Lipase from Psychrophilic <i>Pseudomonas</i> sp. LSK25, Isolated from Signy Island Antarctica. <i>International Journal of Molecular Sciences</i> , 20(6), 1264. Doi: <a href="https://doi.org/10.3390/ijms20061264">https://doi.org/10.3390/ijms20061264</a> Impact factor: 3.689, Q2
18.	Prof Dr. Raja Noor Zaliha Raja Abd Rahman	Research Grant 2017	40.	Garba L, Mohamad Yusoff MA, Abd Halim KB, Ishak SNH, Mohamad Ali MS, Oslan SN, Raja Abd. Rahman RNZ. (2018). Homology modeling and docking studies of a $\Delta 9$ -fatty acid desaturase from a Cold-tolerant <i>Pseudomonas</i> sp. AMS8. <i>PeerJ</i> 6:e4347 <a href="https://doi.org/10.7717/peerj.4347">https://doi.org/10.7717/peerj.4347</a>
19.	Dr. Faradina Merican binti Mohd Sidik Merican	Research Grant 2016 Fellowship 2017	41.	Radzi R, Muangmai N, Broady P, Wan Omar WM, Lavoue S, et al. (2019) <i>Nodosilinea signiensis</i> sp. nov. (Leptolyngbyaceae, Synechococcales), a new terrestrial cyanobacterium isolated from mats collected on Signy Island, South Orkney Islands, Antarctica. <i>PLOS ONE</i> 14(11): e0224395. <a href="https://doi.org/10.1371/journal.pone.0224395">https://doi.org/10.1371/journal.pone.0224395</a>

