

SCI papers of DMBR (Jan. 2017-Dec.2017)

1. Ahmed, A. F., Teng, W. T., Huang, C. Y., Dai, C. F., Hwang, T. L., and Sheu, J. H. (2017) Anti-Inflammatory Lobane and Prenyleudesmane Diterpenoids from the Soft Coral *Lobophytum varium*. *Marine Drugs* **15**
2. Ahmed, A. F., Tsai, C. R., Huang, C. Y., Wang, S. Y., and Sheu, J. H. (2017) Klyflaccicembranols A-I, New Cembranoids from the Soft Coral *Klyxum flaccidum*. *Marine Drugs* **15**
3. Bai, L. Y., Chiu, C. F., Chiu, S. J., Chu, P. C., and Weng, J. R. (2017) FTY720 Induces AutophagyAssociated Apoptosis in Human Oral Squamous Carcinoma Cells, in Part, through a Reactive Oxygen Species/Mcl-1-Dependent Mechanism. *Scientific Reports* **7**
4. Bhat, M. A., Ahmed, A. F., Wen, Z. H., Al-Omar, M. A., and Abdel-Aziz, H. A. (2017) Synthesis, anti-inflammatory and neuroprotective activity of pyrazole and pyrazolo 3,4-d pyridazine bearing 3,4,5-trimethoxyphenyl. *Medicinal Chemistry Research* **26**, 1557-1566
5. Chan, B. K. K., Chen, Y. Y., Achituv, Y., and Lin, H. C. (2017) Description of five new coral associated Barnacles of the genus *Trevathana* (Balanomorpha: Pyrgomatidae) in Pacific Waters. *Zootaxa* **4363**, 151-202
6. Chang, H. W., Wang, W. D., Chiu, C. C., Chen, C. H., Wang, Y. S., Chen, Z. Y., Liu, W. T., Tai, M. H., Wen, Z. H., and Wu, C. Y. (2017) Ftr82 Is Critical for Vascular Patterning during Zebrafish Development. *International Journal of Molecular Sciences* **18**
7. Chang, H. Y., Chou, C. C., Wu, M. L., and Wang, A. H. J. (2017) Expression, purification and enzymatic characterization of undecaprenyl pyrophosphate phosphatase from *Vibrio vulnificus*. *Protein Expression and Purification* **133**, 121-131
8. Chang, H. Y., Lin, S. T., Ko, T. P., Wu, S. M., Lin, T. H., Chang, Y. C., Huang, K. F., and Lee, T. M. (2017) Enzymatic characterization and crystal structure analysis of *Chlamydomonas reinhardtii* dehydroascorbate reductase and their implications for oxidative stress. *Plant Physiology and Biochemistry* **120**, 144-155
9. Chang, Y. C., Hwang, T. L., Chao, C. H., and Sung, P. J. (2017) New Marine Sterols from a Gorgonian *Pinnigorgia* sp. *Molecules* **22**
10. Chang, Y. C., Hwang, T. L., Kuo, L. M., and Sung, P. J. (2017) Pinnisterols D-J, New 11-Acetoxy-9,11-secosterols with a 1,4-Quinone Moiety from Formosan Gorgonian Coral *Pinnigorgia* sp (Gorgoniidae). *Marine Drugs* **15**
11. Chang, Y. C., Sheu, J. H., Wu, Y. C., and Sung, P. J. (2017) Terpenoids from Octocorals of the Genus *Pachyclavularia*. *Marine Drugs* **15**
12. Chang, Y. T., Huang, C. Y., Tang, J. Y., Liaw, C. C., Li, R. N., Liu, J. R., Sheu, J. H., and Chang, H. W. (2017) Reactive oxygen species mediate soft corals-derived sinuleptolide-induced antiproliferation and DNA damage in oral cancer cells. *Oncotargets and Therapy* **10**, 3289-3296
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14. Chao, C. H., Li, W. L., Huang, C. Y., Ahmed, A. F., Dai, C. F., Wu, Y. C., Lu, M. C., Liaw, C. C., and Sheu, J. H. (2017) Isoprenoids from the Soft Coral *Sarcophyton glaucum*. *Marine Drugs* **15**
15. Chen, C. Y., Yang, C. H., Tsai, Y. F., Liaw, C. C., Chang, W. Y., and Hwang, T. L. (2017) Ugonin U stimulates NLRP3 inflammasome activation and enhances inflammasome-mediated pathogen clearance. *Redox Biology* **11**, 263-274
16. Chen, H. K., Wang, L. H., Chen, W. N. U., Mayfield, A. B., Levy, O., Lin, C. S., and Chen, C. S. (2017) Coral lipid bodies as the relay center interconnecting diel-dependent lipidomic changes in different cellular compartments. *Scientific Reports* **7**
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18. Chen, L. C., Wen, Z. H., Sung, P. J., Shu, C. W., Kuo, W. L., Chen, P. Y., and Chen, J. J. (2017) NEW LABDANE-TYPE DITERPENOID AND CYTOTOXIC CONSTITUENTS OF *Hedychium coronarium*.

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 23. Chen, Y. J., Wan, W. H., Wu, W. Y., Hsu, C. C., Wei, L. R., Wang, S. F., Hsu, Y. W., Liaw, C. C., and Tsai, W. C. (2017) Novel histone deacetylase inhibitor AR-42 exhibits antitumor activity in pancreatic cancer cells by affecting multiple biochemical pathways. *Plos One* **12**
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 30. Henciya, S., Seturaman, P., James, A. R., Tsai, Y. H., Nikam, R., Wu, Y. C., Dahms, H. U., and Chang, F. R. (2017) Biopharmaceutical potentials of *Prosopis* spp. (Mimosaceae, Leguminosa) (vol 25, pg 187, 2017). *Journal of Food and Drug Analysis* **25**, 748-749
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