

## SCI papers of DMBR (Jan. 2018-Dec.2018)

1. Ahmed, A. F., Chen, Y. W., Huang, C. Y., Tseng, Y. J., Lin, C. C., Dai, C. F., Wu, Y. C., and Sheu, J. H. (2018) Isolation and Structure Elucidation of Cembranoids from a Dongsha Atoll Soft Coral *Sarcophyton stellatum*. *Marine Drugs* **16**
2. Chen, C. H., Chao, Y. Y., Lin, Y. H., and Chen, Y. L. (2018) Determination of finasteride and its metabolite in urine by dispersive liquid-liquid microextraction combined with field-enhanced sample stacking and sweeping. *Journal of Chromatography A* **1547**, 14-20
3. Chen, C. H., Ho, M. L., Chang, L. H., Kang, L., Lin, Y. S., Lin, S. Y., Wu, S. C., and Chang, J. K. (2018) Parathyroid hormone-(1-34) ameliorated knee osteoarthritis in rats via autophagy. *Journal of Applied Physiology* **124**, 1177-1185
4. Chen, C. K., Chang, N. J., Wu, Y. T., Fu, E., Shen, E. C., Feng, C. W., and Wen, Z. H. (2018) Bone Formation Using Cross-Linked Chitosan Scaffolds in Rat Calvarial Defects. *Implant Dentistry* **27**, 15-21
5. Chen, C. W., Hsu, W. C., Lu, Y. C., Weng, J. R., and Feng, C. H. (2018) Determination of parabens using two microextraction methods coupled with capillary liquid chromatography-UV detection. *Food Chemistry* **241**, 411-418
6. Chen, L. C., Tseng, H. J., Liu, C. Y., Huang, Y. Y., Yen, C. C., Weng, J. R., Lu, Y. L., Hou, W. C., Lin, T. E., Pan, I. H., Huang, K. K., Huang, W. J., and Hsu, K. C. (2018) Design of Diarylheptanoid Derivatives as Dual Inhibitors Against Class IIa Histone Deacetylase and beta-amyloid Aggregation. *Frontiers in Pharmacology* **9**
7. Chen, N. F., Sung, C. S., Wen, Z. H., Chen, C. H., Feng, C. W., Hung, H. C., Yang, S. N., Tsui, K. H., and Chen, W. F. (2018) Therapeutic Effect of Platelet-Rich Plasma in Rat Spinal Cord Injuries. *Frontiers in Neuroscience* **12**
8. Chen, S. R., Wang, S. W., Su, C. J., Hu, H. C., Yang, Y. L., Hsieh, C. T., Peng, C. C., Chang, F. R., and Cheng, Y. B. (2018) Anti-Lymphangiogenesis Components from Zoanthid *Palythoa tuberculosa*. *Marine Drugs* **16**
9. Chen, Y. C., and Weng, J. R. (2018) A New Flavone from the Leaves of *Astronia formosana*. *Natural Product Communications* **13**, 691-692
10. Cheng, M. H., Kuo, H. M., Huang, H. L., Wen, Z. H., Lee, M. H., Hung, J. Y., Sheu, C. C., Tsai, J. R., and Chong, I. W. (2018) HETERONEMIN INDUCES ROS-BASED MITOCHONDRIAL-MEDIATED APOPTOSIS IN LUNG CANCER CELLS. *Respirology* **23**, 230-230
11. Cheng, S. Y., Chen, N. F., Kuo, H. M., Yang, S. N., Sung, C. S., Sung, P. J., Wen, Z. H., and Chen, W. F. (2018) Prodigiosin stimulates endoplasmic reticulum stress and induces autophagic cell death in glioblastoma cells. *Apoptosis* **23**, 314-328
12. Chern, C. U., Tsui, K. H., Vitale, S. G., Chen, S. N., Wang, P. H., Cianci, A., Tsai, H. W., Wen, Z. H., and Lin, L. T. (2018) Dehydroepiandrosterone (DHEA) supplementation improves in vitro fertilization outcomes of poor ovarian responders, especially in women with low serum concentration of DHEA-S: a retrospective cohort study. *Reproductive Biology and Endocrinology* **16**
13. Chien, S. T., Kumar, A., Pandey, S., Yen, C. K., Wang, S. Y., Wen, Z. H., Kaushik, A. C., Shiu, Y. L., and Pan, C. T. (2018) Cancer Biology Aspects of Computational Methods & Applications in Drug Discovery. *Current Pharmaceutical Design* **24**, 3758-3766
14. Chu, T. H., Chan, H. H., Hu, T. H., Wang, E. M., Ma, Y. L., Huang, S. C., Wu, J. C., Chang, Y. C., Weng, W. T., Wen, Z. H., Wu, D. C., Chen, Y. M. A., and Tai, M. H. (2018) Celecoxib enhances the therapeutic efficacy of epirubicin for Novikoff hepatoma in rats. *Cancer Medicine* **7**, 2567-2580
15. Chung, H. M., Wang, Y. C., Tseng, C. C., Chen, N. F., Wen, Z. H., Fang, L. S., Hwang, T. L., Wu, Y. C., and Sung, P. J. (2018) Natural Product Chemistry of Gorgonian Corals of Genus *Junceella*-Part III. *Marine Drugs* **16**
16. Hsieh, C. T., Chang, F. R., Tsai, Y. H., Wu, Y. C., and Hsieh, T. J. (2018) 2-Bromo-4'-methoxychalcone and 2-Iodo-4'-methoxychalcone Prevent Progression of Hyperglycemia and Obesity via 5'-Adenosine-Monophosphate-Activated Protein Kinase in Diet-Induced Obese Mice. *International Journal of Molecular Sciences* **19**
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18. Hsu, F. Y., Wang, S. K., and Duh, C. Y. (2018) Xeniaephyllane-Derived Terpenoids from Soft Coral *Sinularia nanolobata*. *Marine Drugs* **16**
  19. Hsu, Y. T., and Lee, T. M. (2018) Abscisic acid-dependent nitric oxide pathway and abscisic acid-independent nitric oxide routes differently modulate NaCl stress induction of the gene expression of methionine sulfoxide reductase A and B in rice roots. *Journal of Plant Physiology* **231**, 374-382
  20. Huang, C. I., Huang, C. F., Yeh, M. L., Lin, Y. H., Liang, P. C., Liu, S. Y. V., Hsieh, M. H., Lin, Z. Y., Chen, S. C., Huang, J. F., Chuang, W. L., Dai, C. Y., and Yu, M. L. (2018) Role of IL-28B genetic variants in HCV-related liver disease severity in patients with different viral genotypes. *Medicine* **97**
  21. Huang, C. Y., Tseng, W. R., Ahmed, A. E., Chiang, P. L., Tai, C. J., Hwang, T. L., Dai, C. F., and Sheu, J. H. (2018) Anti-Inflammatory Polyoxygenated Steroids from the Soft Coral *Lobophytum michaelae*. *Marine Drugs* **16**
  22. Huang, H. W., Tang, J. Y., Ou-Yang, F., Wang, H. R., Guan, P. Y., Huang, C. Y., Chen, C. Y., Hou, M. F., Sheu, J. H., and Chang, H. W. (2018) Sinularin Selectively Kills Breast Cancer Cells Showing G2/M Arrest, Apoptosis, and Oxidative DNA Damage (vol 23, 849, 2018). *Molecules* **23**
  23. Huang, H. W., Tang, J. Y., Ou-Yang, F., Wang, H. R., Guan, P. Y., Huang, C. Y., Chen, C. Y., Hou, M. F., Sheu, J. H., and Chang, H. W. (2018) Sinularin Selectively Kills Breast Cancer Cells Showing G2/M Arrest, Apoptosis, and Oxidative DNA Damage. *Molecules* **23**
  24. Huang, I. Y., Hsu, Y. L., Chen, C. C., Chen, M. F., Wen, Z. H., Huang, H. T., and Liu, I. Y. (2018) Excavatolide-B Enhances Contextual Memory Retrieval via Repressing the Delayed Rectifier Potassium Current in the Hippocampus. *Marine Drugs* **16**
  25. Huang, T. L., and Lo, L. H. (2018) Proteomics Approach for Biomarker Research in Major Depression: Antidepressant Effects. *Current Drug Metabolism* **19**, 502-512
  26. Hung, H. C., Feng, C. W., Lin, Y. Y., Chen, C. H., Tsui, K. H., Chen, W. F., Pan, C. Y., Sheu, J. H., Sung, C. S., and Wen, Z. H. (2018) Nucleophosmin modulates the alleviation of atopic dermatitis caused by the marine-derived compound dihydroaustrasulfone alcohol. *Experimental and Molecular Medicine* **50**
  27. Hung, Y. C., Yeh, J. L., and Hsu, J. H. (2018) Molecular Mechanisms for Regulating Postnatal Ductus Arteriosus Closure. *International Journal of Molecular Sciences* **19**
  28. Hwang, J. S., Dahms, H. U., Huang, K. L., Huang, M. Y., Liu, X. J., Khim, J. S., and Wong, C. K. (2018) Bioaccumulation of trace metals in octocorals depends on age and tissue compartmentalization. *Plos One* **13**
  29. Ko, F. C., Pan, W. L., Cheng, J. O., Chen, T. H., Kuo, F. W., Kao, S. J., Chang, C. W., Ho, H. C., Wang, W. H., and Fang, L. S. (2018) Persistent organic pollutants in Antarctic notothenioid fish and invertebrates associated with trophic levels. *Plos One* **13**
  30. Krishnan, M., Subramanian, H., Dahms, H. U., Sivanandham, V., Seeni, P., Gopalan, S., Mahalingam, A., and Rathinam, A. J. (2018) Biogenic corrosion inhibitor on mild steel protection in concentrated HCl medium. *Scientific Reports* **8**
  31. Kung, T. A., Lee, S. H., Yang, T. C., and Wang, W. H. (2018) Survey of selected personal care products in surfacewater of coral reefs in Kenting National Park, Taiwan. *Science of the Total Environment* **635**, 1302-1307
  32. Kuo, H. M., Tseng, C. C., Chen, N. F., Tai, M. H., Hung, H. C., Feng, C. W., Cheng, S. Y., Huang, S. Y., Jean, Y. H., and Wen, Z. H. (2018) MSP-4, an Antimicrobial Peptide, Induces Apoptosis via Activation of Extrinsic Fas/FasL- and Intrinsic Mitochondria-Mediated Pathways in One Osteosarcoma Cell Line. *Marine Drugs* **16**
  33. Kuo, L. M., Chen, P. J., Sung, P. J., Chang, Y. C., Ho, C. T., Wu, Y. H., and Hwang, T. L. (2018) The Bioactive Extract of *Pinnigorgia* sp Induces Apoptosis of Hepatic Stellate Cells via ROS-ERK/JNK-Caspase-3 Signaling. *Marine Drugs* **16**
  34. Lai, Y. C., Tang, P. L., Chu, C. H., and Kuo, T. J. (2018) Effects of income and residential area on survival of patients with head and neck cancers following radiotherapy: working age individuals in

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  36. Lam, T. P., Lee, T. M., Chen, C. Y., and Chang, J. S. (2018) Strategies to control biological contaminants during microalgal cultivation in open ponds. *Bioresource Technology* **252**, 180-187
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  39. Li, C. J., Chen, S. N., Lin, L. T., Chern, C. U., Wang, P. H., Wen, Z. H., and Tsui, K. H. (2018) Dehydroepiandrosterone Ameliorates Abnormal Mitochondrial Dynamics and Mitophagy of Cumulus Cells in Poor Ovarian Responders. *Journal of Clinical Medicine* **7**
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65. Weng, J. R., Chiu, C. F., Hu, J. L., Feng, C. H., Huang, C. Y., Bai, L. Y., and Sheu, J. H. (2018) A Sterol from Soft Coral Induces Apoptosis and Autophagy in MCF-7 Breast Cancer Cells. *Marine Drugs* **16**
66. Weng, J. R., Dokla, E. M. E., Bai, L. Y., Chen, C. S., Chiu, S. J., and Shieh, T. M. (2018) A 5' AMP-Activated Protein Kinase Enzyme Activator, Compound 59, Induces Autophagy and Apoptosis in Human Oral Squamous Cell Carcinoma. *Basic & Clinical Pharmacology & Toxicology* **123**, 21-29
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