

S34-2 **Variety of marine natural products experience**

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It is generally accepted that marine organisms contain unusual molecules. I have been searching for marine natural products for the past 30 years. In the study of natural products chemistry, even if one finds a new compound, it becomes a known compound afterwards and falls into oblivion.

The life-time contribution of one researcher occupies only a tiny part of the 170,000 known natural products. With the advancement of analytical equipments, structure elucidation of organic compounds is considered to be made easy. In fact the information acquired by 2D NMR and mass spectrometry is sufficient for the structure elucidation of a large part of organic compounds. However, some natural products resist to be elucidated. In this presentation I will introduce several such examples and how I tackled the problems.