



Special Issue Reprint

Marine Glycoconjugates

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The books described marine glycoconjugates. Two articles concern microalgal metabolites such as steroid and sphingoid glycoconjugates, and a glycoprotein from a sea cucumber with interesting biological activities, respectively. One article discusses the fatty acid composition and thermotropic behavior of glycolipids and other membrane lipids of green macrophyte *Ulva lactuca*. Three articles cover lectin subjects. One review article analyzes perspectives of marine and freshwater lectins' application in experimental oncology and the therapy of oncological diseases; another article describes the use of a sponge lectin in the construction of a recombinant virus. The third article concerns the function of the immunity of a lectin in producing this compound crinoid. Two articles concern steroid glycosides from starfish, and two others concern triterpene glycosides from sea cucumbers. One article describes the effect of a glycosaminoglycan from the sea cucumber *Apostichopus japonicus* on hyperglycemia in the liver of insulin-resistant mice. One article concerns the isolation of 10 new triterpene glycosides from a fungus associated with a sea cucumber. The article by Dworaczek et al. characterizes the O-specific polysaccharide (O-antigen) of a bacterial pathogen of common carp by chemical and immunochemical methods. In total, the Special Issue comprises 14 articles, including the editorial and two reviews.



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