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Nucleolipids

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Message from the Guest Editor

Dear Colleagues,

Nucleolipids are hybrid molecules composed of a nucleobase, a nucleoside, a nucleotide or an oligonucleotide (either DNA or RNA), and a lipophilic moiety, which might be either simply a single- or double-chained alkyl (or alkenyl) moiety or a carbocyclic hydrocarbon such as cholesterol, a vitamin, or a bile acid. Submitted papers may cover all aspects of nucleolipids, namely their natural occurrence, their synthesis, their molecular recognition, their aggregation behaviour – either in aqueous or non-aqueous solution – as well as bio-medical applications. Potential future aspects of nucleolipids in material sciences and for the elucidation of biochemical reactions in living cells may be discussed.

Helmut Rosemeyer

Guest Editor



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Special Issue



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