

SESSION 5: New marine molecules

Marine micro-organisms represent a still underexplored but of growing interest resource in the discovery of new molecules. Effectively, the marine environment because of its salinity, temperature and pressure conditions for example, host unique micro-organisms and others that clearly had to adapt to this environment. This leads, among other things, to the production of non-previously reported metabolites. This session will then particularly focus on the potential of these microorganisms in terms of chemodiversity and production of innovative compounds. Contributions reporting recent studies on the ability of marine micro-organisms such as fungi, bacteria, cyanobacteria or micro-algae to produce molecules of interest for therapeutics, food industry and others are expected. Studies from the “OMICS” field (from genes to molecules) in order to highlight new metabolites production capacities will also be expected for this session.