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Combinatorial, Computational and High Throughput Screening for Bioactive/Lead Finding from Nature/Synthesis

Guest Editor:

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Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editor

Dear Colleagues,

High throughput screening has been considered since last century as a meaningful strategy for the discovery of bioactives from different sources and to enhance the finding of leads that become clinical candidates as effective therapies in different problems/disorders/diseases. In this sense, combinatorial chemistry was firstly employed in those purposes, due to their remarkable influence on the expansion of the available chemical through generation of a large sets of structurally-related substances from different synthetic procedures. Computer-aided design and in-silico protocols/approaches have been also considered as a high throughput screening and they were rapidly used to improve, filtrate and/or depurate the lead/hit finding with high efficieny/efficacy. This Special Issue aims to collect some of the latest advances, techniques, approaches, methods, outcome and reviews on topics related to finding/identification of bioactives/hits/leads from natural sources and/or through synthetic procedures using combinatorial, computational, chemometrics and/or other high throughput approaches.

Prof. Dr. Ericsson Coy-Barrera
Guest Editor

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Message from the Editor-in-Chief

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