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Peptide-Peptide and Peptide-Membrane Interactions Leading to Pathophysiological Misfolding

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Message from the Guest Editor

Dear Colleagues,

Several conformational diseases involve the misfolding of short peptides and/or small proteins. The lack of structure of small peptides and the fast secondary structure conversion dynamics of these ensembles require the combination of several experimental and computational biophysics methods. Combinations of biophysics methods such as spectroscopies and microscopies together with bioinformatics and molecular dynamics simulations and cellular biology approaches are now the golden standard to study these complex systems. For this Special Issue, reviews, methods, communications, and original articles regarding the study of a plethora of peptides and proteins that undergo misfolding pathways leading to pathophysiology are most welcome.

Prof. Dr. Alex Perálvarez-Marín
Guest Editor



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Special Issue



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