Dear Colleagues,

Symmetry aspects are of specific interest in peptide structure, chemistry and functions. This Special Issue will be devoted to all these aspects concerning the peptide world. High-quality manuscripts (regular papers—both theoretical and experimental, reviews, and short communications) that cover symmetry topics in peptide structure design and analysis, peptide synthesis, chemical and biochemical transformations, and in an extended area of peptide biological activities, drug and new material design are welcome. Manuscripts that deal with peptidomimetics, provided they cover the above topics, are also welcome, as well as technology-focused manuscripts. Design and comparison of biological activities of peptide isomers, development and studies of self-assembling peptides are of essential interest.