



Biomimetic Peptides and Proteins

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Deadline for manuscript
submissions:

closed (31 August 2023)

Message from the Guest Editors

Mimicry is known above all in relation to the world of organisms; however, molecular mimicry is just as widespread. The ability to mimic the functions of some molecules through the engineering of other molecules opened the route to a vast field of research, in both the design and development of biomimetic materials, which are treated in other volumes, and in the field of molecular biomimetics, which are the central topic of this Special Issue.

The topics of interest include, but are not limited to the following aspects: molecular mimicry; protein domain; synthetic peptide; scaffold protein; antibody-like protein; loop mutagenesis; rational design; computational design; protein motif; agonist; antagonist; non-natural amino acids; synthetic biology; structural biology; biochemistry; solid-phase synthesis; binding site.

