

Special Issue

Biologically Active Peptides Derived from Peptide Hormones as Potential Drugs

Message from the Guest Editor

Currently, biologically active peptides derived from natural peptide hormones are considered potential drugs of a new class. Such qualities of peptides as a quick reaction of the body to their introduction, almost complete absence of toxicity, as well as the fact that the products of peptide degradation are amino acids, are increasingly attracting the attention of pharmacologists and clinicians around the world. Unfortunately, the polyfunctionality of peptide hormones is a limiting factor in their use as drugs. Therefore, the main task in the design of new drugs based on natural peptide hormones is the synthesis of selectively acting analogs with a narrow spectrum of action that is resistant to enzymatic degradation. This requires a detailed description of the properties and mechanism of action of peptides as potential candidates for this role.

Guest Editor

Prof. Dr. Elena V. Navolotskaya

Branch of Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry, Science Avenue, 6, 142290 Pushchino, Moscow Region, Russia

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Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceuticals@mdpi.com

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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