



Practical Protocols for Solid-Phase Peptide Synthesis 4.0

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Deadline for manuscript submissions:

closed (25 June 2023)

Message from the Guest Editors

Dear Colleagues,

We are currently celebrating the 60th anniversary of the first public announcement by the Laurate Nobel Prize, R. Bruce Merrifield, of the solid-phase peptide synthesis (SPPS) technique at the Federation Meeting of 1962 in Atlantic City. The first publication (J. Am. Chem. Soc. 1963, 85, 2149–2154) took place one year later.

The objective of this Special Issue of *Materials and Protocols* entitled "Practical Protocols for Solid-Phase Peptide Synthesis 4.0" is to bring together the state of the art in SPPS in a single publication. "Practical Protocols for Solid-Phase Peptide Synthesis 4.0" will cover all the practical aspects of peptide synthesis, purification, and characterization, including: resins; protecting groups; coupling agents; cleavage cocktails and their scavengers; solvents for synthesis and purification; synthesis of linear, cyclic, stapled, branched peptides with post-translational modifications; peptide–drug conjugates; and all purification and analysis methods. Special consideration is taken for green chemistry approaches.





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Editor-in-Chief

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Message from the Editor-in-Chief

Methods and Protocols (ISSN 2409-9279) is an open access journal devoted to the publication of new procedural approaches and cutting-edge methodological developments. The ultimate objective of this new forum of scientific communication is to provide researchers with an indispensable tool, enabling better use of the latest scientific technologies. With a broad and totally interdisciplinary focus, *Methods and Protocols* was established with the objective of facilitating cross-fertilization and cross-talk in the scientific arena. Methods and protocols in Life Sciences, Chemistry, Biomedical Sciences, Engineering, and in their intersections such as Biotechnology and Nanotechnology will constitute the core of the journal. However, we anticipate that other fundamental disciplines such as Physics or Geology will be rapidly incorporated.

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