

Special Issue

Peptide Synthesis, Separation and Purification

Message from the Guest Editor

Synthetic peptide manufacturing is substantially more expensive than small molecule manufacturing. Additionally, the larger the API molecule becomes, efficient purification and isolation becomes increasingly more important as well. The demand particularly increases as production quantities from tens to thousands of kilograms per year. Given this context, this Special Issue of *Separations*, 'Peptide Synthesis, Separation and Purification,' invites scholars to submit their original research and review articles, covering various aspects of peptides purification including the synthetic approaches, separation methodologies, and the influence of hydrophobicity and solubility on the overall separation and purification behavior. Furthermore, we welcome papers addressing novel synthetic strategies that can deliver purer peptides and decrease the purification burden, as well as papers that incorporate computational, modeling, and machine learning approaches as these are powerful tools that can save time, cost, and effort.

Guest Editor

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Deadline for manuscript submissions

closed (10 February 2025)



Separations

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Impact Factor 2.7
CiteScore 4.5



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About the Journal

Message from the Editor-in-Chief

Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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