

Special Issue

Biomolecular Data Science—in Honor of Professor Philip E. Bourne

Message from the Guest Editors

In honor of Prof Phil Bourne, we invite you to contribute to a special issue of *biomolecules*, focused on "Biomolecular Data Science". Phil's vision speaks to a new field of "biomolecular data science", which he recently contrasted to foundational bioinformatics in a provocative piece ("Is Bioinformatics Dead?"). Viewing and defining 'biomolecular' research broadly—from the general perspective outlined in the attached overview—we ask that you please consider contributing to this Special Issue, perhaps in alignment with your pioneering work on machine learning approaches in computational and molecular biophysics? For instance, your recent autoencoder-based 'DiffNets' approach to achieve 'biochemically-informed' dimensionality reduction is quite exciting; anything similar in spirit to that (or other) line of work certainly would be suitable. We welcome a contribution from your own recent work (i.e., primary research article), a review article, or an opinion/commentary piece on the future of this field—in short, any contribution that you believe may help focus and shape the future of biomolecular data science.

Guest Editors

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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