Special Issue

Recent Developments in Polymer-Drug Conjugates

Message from the Guest Editors

2020 will mark 45 years since the publication of Ringsdorf's seminal paper, in which the concept of covalently linking a drug to a polymeric carrier to improve drug delivery was first proposed. Initial studies focused on the optimization of polymer size and linkers and were developed for application to cancer. Recent years have seen some very significant changes in the field. Polymer-drug conjugates have been suggested for a much broader pool of therapeutic applications. Furthermore, new discoveries on the enhanced permeability and retention (EPR) effect are strengthening the rational design of these systems. For this Special Issue, we welcome original articles on polymer-drug conjugates. Articles that describe new polymers, new applications of polymer-drug conjugates. and new discoveries on the EPR effect are welcome. Within the issue we want to highlight recent innovations in the field; so, the list above is indicative and not exhaustive.

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