On the Publication of the Special Issue 48th World Polymer Congress (IUPAC-MACRO2020+)

On the Publication of the Special Issue 48th World Polymer Congress (IUPAC-MACRO2020+) was held on May 16th to 20th, 2021 in Jeju Island, South Korea. It was an forum for participants engaged in synthesis and supramolecular architecture, physics and characterization, processing and printing, nanostructures and nanocomposites, biotechnology, soft electronics and displays, energy harvesting and storage, environment, innovation and industry, and polymer education. It provided a valuable chance to obtain insights and new perspectives for polymer science and engineering, and all participants from academy or industry benefited a great deal from this opportunity of scientific exchange provided by this conference. There were 1300 registered from 40 countries and 800 video files (including online short-talk sessions) for virtual presentations and 158 speakers for oral presentations. The success of hybrid online/on-site conference was made possible only through the valuable scientific contributions from the global presenters. To commemorate the 48th World Polymer Congress (IUPAC-MACRO2020+) of the Polymer Society of Korea, we publish a special issue in Macromolecular Research, as one of the world-leading journals in material science, as a follow-up to the insightful presentations and discussions at the conference. This special issue is a selected group of papers based on work presented at the conference. Research articles published in this issue contain substantially expanded, extended and enhanced content, including methodology, measurement, and analysis, which was not completely covered at the conference. This also introduces new ideas and findings which are likely to have a crucial impact on polymer science and technology in the future. As Guest Editor for this special issue, I would like to thank all the authors for their excellent contributions that make this issue outstanding, and believe this issue will be of interest to all of our readers and especially to the polymer and material community.

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