Preface

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This special issue was a collaboration project between the Sub-committee of Polymer Education part of the IUPAC Polymer Division, and the IUPAC Committee on Chemistry Education.

This special issue contains articles which are intended to bridge the gap between research and education. The idea is to share the good practices for some topics in polymer sciences for educational purposes. We hope that lecturers at the universities may refer to these articles as the references to “teach” or to “lecture” young researchers. Another purpose is to inform the high-school teachers/pre-universities teachers about recent developments in polymer chemistry, so that they may introduce some of the topics in this issue to students.

The articles are based on the lecture notes presented at IUPAC Education Workshops in Polymer Sciences (2016, 2017, 2018 and 2020+) and educational materials in polymer sciences covering topics of polymer synthesis (three articles), polymer characterization (five articles), polymer processing (two articles) and polymer applications and others (three articles). The educational materials shared in this special issue have been previously used by researchers with the aim of promoting polymer sciences.

We would like to acknowledge the cooperation of all authors. We are very pleased the special issue is now finally published.

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