



Recent Progress in Solid Dispersion Technology, 3rd Edition

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

For over half a century, amorphous solid dispersion (ASD) has been recognized as a powerful formulation technology for improving the oral absorption of poorly soluble drugs. Despite this long history, novel important findings on ASD continue to be reported every year. In contrast to other solubilization technologies using additives, including surfactants, cyclodextrins, and organic solvents, which increase equilibrium solubility, amorphization does not disturb the membrane permeation process. Thus, the probability of success in the improvement of oral absorption is considered generally high for ASD.

In 2019, a Special Issue entitled “Recent Progress in Solid Dispersion Technology” was published to cover the cutting-edge research in this field, followed by the 2nd edition in 2021. We have decided to publish the 3rd edition to keep up with the new knowledge and technologies that have since emerged in ASD research.

Dr. Kohsaku Kawakami

Guest Editor





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Message from the Editor-in-Chief

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