

Special Issue

Amorphous Solid Dispersions of Poorly Soluble Drugs: Materials Science and Engineering Perspective

Message from the Guest Editors

An increasing number of poorly water-soluble small molecules in the pharmaceutical industry pipeline exhibit slow dissolution-absorption and thus poor bioavailability, presenting a major challenge in developing such molecules into medicines. To enhance the solubility and dissolution rate, amorphous solid dispersions (ASDs) have been commonly used as a platform approach.

Within the context of “Materials Science and Engineering”, this Special Issue aims to bring academics and industry practitioners in pharmaceutical science and engineering to disseminate knowledge and information about ASDs, physical stability, formulations and processes, dissolution, solid-state characterization, novel manufacturing methods, modeling, regulatory aspects, etc.

We look forward to receiving your submissions for this Special Issue.

Guest Editors

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Prof. Dr. Mohammad A. Azad

Deadline for manuscript submissions

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Editor-in-Chief

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