

Special Issue

New Pharmaceutical Applications through 3D Printing Processes

Message from the Guest Editors

Additive manufacturing and 3D printing (3DP) are technologies with a growing interest in the pharmaceutical field. During the last decade, new techniques, innovative applications, and different materials have been developed and tested. Not only the direct production of pharmaceutical forms but also the development of manufacturing and analytical systems has been explored. The use of 3D-printing technologies opens new opportunities for the manufacturing of personalized dosage forms and medical devices tunable for the patient's needs, but also for the development and personalization of manufacturing and analytical systems based on researchers' needs. Nevertheless, since pharmaceutical 3DP is still a growing field, different requests still have to be explored, such as the improvement of pharma dedicated 3D printers and production lines, as well as the advancement of dedicated printable excipients. This Special Issue will collect contributions about innovative materials, innovative techniques, and innovative approaches using 3D printing with a pharmaceutical endpoint.

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