

Special Issue

Extemporaneous Formulations: Filling the Gap in the Pharmaceutical Industry with Personalized Medicines

Message from the Guest Editors

Extemporaneous pharmaceutical formulations refer to customized medications prepared on demand by pharmacists or healthcare professionals to meet specific patient requirements, constituting a personalized medicine. These formulations offer flexibility in terms of dosage, ingredients, and administration routes, and are tailored to individual patient needs. Innovation in pharmaceutical compounding represents a promising avenue for filling the void left by the absence of industrial medicines, particularly in underserved regions, thereby improving access to essential healthcare interventions and promoting better health outcomes for diverse patient populations. This Special Issue explores the landscape of custom medications as a viable alternative to address the unmet medical needs resulting from the absence of commercial pharmaceuticals. We welcome original research, reviews, or short communications on the following topics:

- Extemporaneous formulations;
- Orphan drugs;
- Dosage forms and excipients;
- Stability and compatibility;
- Compounding technologies;
- Quality control.

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