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Multimaterials 3D Printing: Open Challenges and Applications in Personalized Regenerative Medicine

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Message from the Guest Editor

The use of additive manufacturing technologies has opened the way to new design routes with all classes of materials. They are particularly promising in the biomaterials field, where they allow producing highly personalized regenerative medicine components.

For each of these applications, specific structural and functional properties are requested: how can materials be combined to answer to these specific requests?

This Special Issue aims to address the current state of the art of additive manufacturing of multimaterial components. What are the open challenges at the scientific and technological level? Will multimaterials 3D printing be able to open the way to a new generation of highly personalized regenerative medicine? What are the main issues to be solved before industrialization takes place?

It is my pleasure to invite all colleagues to submit manuscripts (full papers, reviews, or short notes) in open access to this Special Issue. I also encourage the dissemination of this invitation to any colleagues who might be interested.



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Special Issue



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Message from the Editor-in-Chief

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