



## Digital Image/Volume Correlation of Biological Tissues and Biomaterials

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editor

The use of digital image/volume correlation (DIC/DVC) technology is rapidly growing in the field of bioengineering. In fact, with the rapid development of in vitro/in vivo imaging protocols, DIC/DVC has become a powerful tool to measure 2D-3D full-field displacement/strain in a variety of biological structures ranging from cells to tissues (both soft and hard) to biomaterials such as injectables, 3D printed implants, and scaffolds for tissue engineering.

This Special Issue aims to publish a collection of the latest research on the application of DIC/DVC techniques in the field of biological tissues and biomaterials. Topics of interest include (but not restricted to) the following:

- Cells, tissues, and biomaterials;
- Cell/tissue–biomaterial interaction;
- 3D printed and electrospun implants/scaffolds;
- DIC/DVC-informed computational models;
- Clinical imaging;
- Other techniques with the potential to complement, inform, and expand DIC/DVC.

Full papers, communications, and reviews are all welcome.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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