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Stitching, Alignment and Segmentation Applications in Biomedical Images

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Message from the Guest Editors

Dear Colleagues,

Image stitching, alignment, and segmentation are common image processing steps in biomedical processing tasks, which are attracting more and more computer vision researchers' attention. Although many conventional methods and machine-learning-based methods have been proposed to solve those problems, challenges still exist, e.g., 1) varied image quality (especially for some medical images); 2) large data size (may be terabyte to petabyte level); 3) high-precision requirement in biomedical scenarios. Thus, more advanced algorithms for image stitching, alignment, and segmentation are urgently needed.

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Guest Editors

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