



Topic of the Speech:

Volumetric Bioprinting of Protein-based (Bio)inks for Tissue Engineering

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Professor Maobin Xie received his PhD degree of biomedical engineering from The Hong Kong Polytechnic University, Hong Kong, China in 2016, and then works as post-doc research fellow at Harvard University, Boston, USA from 2019-2021. He is now a professor at Guangzhou Medical University, Guangzhou, China.

His research interests include 3D (bio)printing and biomaterials, especially focuses on the technology and (bio)inks development of volumetric additive manufacturing as well as the related biomedical applications.

He has published over 30 peer-reviewed research work include Nature Communications, Science Translational Medicine, Proceedings of the National Academy of Sciences USA, Advanced Materials, Advanced Functional Materials, STAR Protocols, Biomaterials, etc. He has applied for 16 Chinese patents and 2 PCT patents. He serves as reviewers for over >10 international journals include Advanced Science, Advanced Healthcare Materials, ACS Nano, Applied Materials Today, Nanoscale, etc.