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SLAS Technology Provides Insight into the Future of Bioprinting

The SLAS Technology special issue, "Bioprinting the Future," examines the transformative potential of bioprinting in medicine.

Oak Brook, IL— Ideas that were once inconceivable, such as generating human tissue for organ transplants, are quickly becoming a reality as bioprinting technology is rapidly advancing. The June special issue of SLAS Technology showcases the latest developments in the field of biotechnology with its collection of seven research articles.

“With the continuous development of novel materials, fabrication techniques and bioink compositions, bioprinting is poised to revolutionize many aspects of medicine, from drug development to organ transplantation,” says SLAS Technology Editor-in-Chief Edward Kahua Chow, Ph.D., National University of Singapore. “By highlighting these areas of research, the special issue provides a comprehensive overview of the current state of bioprinting and sets the stage for future advances in the field.

The special issue collection contains topics pertaining to light in bioprinting, 4D printing in cancer therapy, tissue engineering advances and 3D bioprinting.

Read the seven bioprinting articles available in [Recent progress of 4D printing in cancer therapeutics studies](#)

- x [Bioprinting the future using light: A review on photocrosslinking reactions, photoreactive groups, and photoinitiators](#)
- x [Advances in tissue engineering of cancer microenvironment from three-dimensional culture to three-dimensional printing](#)
- [fabricate volumetric soft tissue constructs](#)
- x [Salivary gland regeneration: from salivary gland stem cells to three-dimensional bioprinting](#)

Access to the June issue of SLAS Technology is available at [https://www-slas-technology.org/issue/S2476303\(23\)X0004](https://www-slas-technology.org/issue/S2476303(23)X0004)

SLAS Technology reveals how scientists adapt technological advances for life sciences exploration and experimentation in biomedical research and development. The journal emphasizes scientific and technical advances that enable and improve:

- x Life sciences research and development
- x Drug delivery
- x Diagnostics
- x Biomedical and molecular imaging
- x Personalized and precision medicine

SLAS (Society for Laboratory Automation and Screening) is an international professional society of