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Life Sciences Assay Developments and Sustainability Progress

The October 2023 issue of SLAS Technology *looks at new developments in reducing laboratory automation waste and other technology-*

- A Sticky-End Probe Biosensor for Homogeneous Detection of Transcription Factor Binding Activity
  Studied in this article is the design and optimization of a sticky-end probe biosensor for the homogeneous detection of transcription factor-DNA binding activity, aiming to simplify the process of therapeutic screening and disease diagnostics.
- Screening Station, a Novel Laboratory Automation System for Physiologically Relevant Cell-Based Assays
  [redacted]ved in cell-based assays using human-induced pluripotent stem cell (iPSC)-derived cells, enabling long-term culture, real-time imaging and immunofluorescence assays, with the potential to enhance reproducibility, save time and support remote experimentation.
- Development And Validation of an Automat88.5 562.5 453 15.72 ref*EM108 612.9 26.033 0 Td( )(fde)0.7 (1of)Tj0

- Personalized and precision medicine

SLAS (Society for Laboratory Automation and Screening) is an international professional society of academic, industry and government life sciences researchers and the developers and providers of laboratory automation technology. The SLAS mission is to bring together researchers in academia, industry and government to advance life sciences discovery and technology via education, knowledge exchange and global community building.

SLAS Technology: Translating Life Sciences Innovation, 2022 Impact Factor 2.7. Editor-in-Chief Edward Kai-Hua Chow, Ph.D., National University of Singapore (Singapore

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