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Automation at the heart of synthetic biology

With momentum building in the establishment of synthetic biology foundries, it is evident that automation plays a key role throughout the Synthetic Biology workflow. Safe, secure and robust inventory storage and management is critical. To maximize efficient operation, rapid access to stock constructs or “biobricks” is key and TTP Labtech offer solutions for automated storage at -20°C and -80°C with true cherry picking ensuring that only the required samples are retrieved. 2D barcoded labware allows samples to be tracked and stored and retrieved with the simplicity and speed of a vending machine. Novel pneumatic technology to move tubes minimizes the need for robotics in the cold zone, providing long term reliability of operation. Learn more about these how TTP Labtech’s solutions could automate the heart of your Synthetic Biology facility. Paul Lomax is a global product manager for TTP Labtech, who are a UK based developer and supplier of automation solutions for the life science market including sample management, small volume liquid handling and detection systems.

Biography

Paul Lomax is Product Manager for TTP Labtech, sample management products. With over 15 years of experience in the automation of life science applications, he is responsible for TTP Labtech’s range of novel automated -20°C and -80°C storage systems.

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