

Agilent and UC San Diego launch Centre of Excellence in cellular intelligence

03 April 2024 | News

Agilent CoE supports research on how cells function and adapt, revealing new insights into biological processes



Agilent Technologies Inc., a global leader in life sciences, diagnostics, and applied chemical markets, and the University of California San Diego (UC San Diego), one of the top-ranked public research universities in the world, have announced an innovative scientific collaboration to establish the Agilent Centre of Excellence (CoE) in Cellular Intelligence.

The Agilent CoE, located at UC San Diego's School of Medicine, will foster collaboration and innovation among researchers from Agilent and UC San Diego, and other institutions and industry partners. The CoE will serve as a hub for academic and pharma/biopharma researchers in the region, enabling access to vital analytical instrumentation and providing education, training, and application development opportunities.

The CoE will leverage Agilent instrumentation, including cell analysis and mass spectroscopy solutions, to support an ambitious transdisciplinary initiative: Decode Eukaryotic Cellular Intelligence, a research program that aims to understand how eukaryotic cells sense, decide, and act in complex and uncertain environments, with implications for health and disease.

"This important initiative will improve our understanding of disease mechanisms at the cellular level—and drive the development of better methods for editing and engineering cells to treat diseases, enhance immunity, and create novel bioproducts," said Mike McMullen, Agilent President and CEO.