RAPID GENERATION OF PRODUCTION CELL LINES WITH SUPERIOR TITERS AND >99% MONOCLONALITY FOR COMPLEX ANTIBODY MOLECULES

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Dr. Ke-Chih Lin is a research professional with extensive knowledge and experiences in microfabrication, microfluidic system development, biotechnology, and condensed matter physics. Dr. Lin has been working at Berkeley Lights since 2019 as an Applications Engineer, responsible for research and end-to-end workflow development involving precious sample handling, microfluidic-based assay development, workflow automation, and the invention of core intellectual property.

Prior to joining Berkeley Lights, he completed his undergraduate degree and M.S. in Physics at National Taiwan University, where he joined Prof. Minn-Tsong Lin's Group and studied spintronics and condensed matter physics. He later joined Prof. James Sturm's and Prof. Robert Austin's Lab in 2014 at Princeton University to further develop his interests in biotechnology. His primary work during Ph.D. studies was designing micro-engineered cell culture platforms that generate an in vitro landscape of stress heterogeneity, which allows for the observation of accelerated adaption and evolution dynamics of multiple cell phenotypes in the cancer population.