


FEBRUARY LAB: LOVE: WEBINAR SERIES



Join Altium's webinar series to learn how modern analytical tools reveal migration, interaction, and delivery performance across complex cell systems.



WEBINAR 1: Uncoupling CAR-T migration from cytotoxicity during serial killing

 **FEBRUARY 5, 2026 | 5:00 PM CET**




This webcast introduces a novel real-time assay that separates CAR-T cell migration from cytotoxic activity, enabling a more accurate assessment of CAR-T potency. Using the xCELLigence RTCA eSight system, imaging and impedance analysis are combined with a tunable matrigel layer to better mimic tumor microenvironments and reveal the energy cost of CAR-T serial killing. Learn how to independently measure migration and killing, uncover true CAR-T functionality, and gain translational insights beyond traditional cytotoxicity assays. By decoupling these processes, researchers can better understand functional limitations that may be masked in conventional assays and support more predictive in-vitro models prior to clinical evaluation.



RODDY O'CONNOR, Research Assistant Professor, Center for Cellular Immunotherapies, Perelman School of Medicine

WEBINAR 2: LNP formulation just sunnier with Sunny Suite

 **FEBRUARY 11, 2026 | 12:00 PM CET**




Lipid nanoparticle (LNP) development doesn't have to be slow or painful. In this webinar, discover how the Sunny Suite from Unchained Labs simplifies and accelerates LNP formulation - from high-throughput screening to optimization and scale-up. Learn how Sunscreen enables rapid exploration of LNP design space with dozens of formulations in parallel, while Sunshine seamlessly translates winning conditions into scalable processes using the same microfluidic technology. Together, they eliminate re-development, reduce trial-and-error, and help researchers move faster from discovery to production. Ideal for teams working on mRNA vaccines, gene therapy, and LNP-based delivery systems.



JAMES PARRY, PhD, Distribution Manager, Biologics Products - EMEA, Unchained Labs

WEBINAR 3: Unlocking Versatility in Flow Cytometry: The NovoCyte Family from Conventional to Spectral

 **FEBRUARY 20, 2026 | 11:00 AM CET**



Discover how the NovoCyte family from Agilent Technologies empowers researchers with flexible, high-performance flow cytometry - from conventional benchtop systems to cutting-edge spectral solutions. In this webinar, explore how NovoCyte instruments support a broad range of applications with intuitive workflows, high-parameter measurement, and advanced spectral detection. Learn how spectral cytometry expands panel capabilities beyond traditional limits, enabling researchers to resolve complex, overlapping fluorochromes and unlock deeper biological insights. Whether you're new to flow cytometry or advancing into high-dimensional analysis, this session will help you choose and apply the right tools for your research needs.



CAMILLE SANTA MARIA, Field Application Scientist Cytometry, Agilent Technologies