

Resource Center



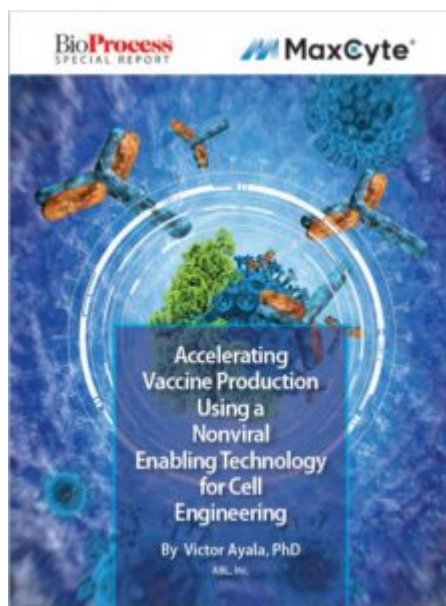
[Biomanufacturing](#)

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BIOMANUFACTURING

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Publications



Accelerating Vaccine Production

Victor Ayala, PhD, an early stage investigator with ABL, discusses how to accelerate vaccine production using a nonviral enabling technology for cell engineering.

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Brochures

Protein Manufacturing Brochure

ABLu2019s expertise with protein-based therapies began with the discovery of IL-2 and has spanned over 25 years of cGMP manufacturing for industry and government clients.

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GMP Vaccine & Viral Vector Production

ABL has an exceptional history in the development and production of preclinical and clinical viral-based biologics. From 30 years of groundbreaking work with HIV to

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ABL Europe's GMP Manufacturing Facility for Viral Vector Production

A new production facility for the GMP manufacture of viral vectors from non-adherent cell cultures is opening in Strasbourg, France.

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Certifications

[ABL Europe Certificate of GMP Compliance: Quality Control Testing](#)

ABL Europeu2019s (Strasbourg site) Certificate of GMP Compliance related to 2016 facility inspection for: Quality Control Testing.
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[ABL Europe Certificate of GMP Compliance: Manufacturing](#)

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IMMUNOBIOLOGY

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Publications



NFL Testing Using Ultrasensitive Immunoassay

Testing Neurofilament Light (NF-L) chain in blood samples to monitor neurodegenerative diseases and support clinical drug development.

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Posters

The JAK1-Selective Inhibitor Filgotinib Displays an Anti-Inflammatory Biomarker Signature in Rheumatoid Arthritis Patients

The potent and selective JAK1 inhibitor filgotinib (GLPG0634, GS-6034) has been evaluated in a 24-week phase 2B study in combination with

methotrexate (MTX) in active

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New paradigms of immunophenotyping for toxicological assessments in preclinical and clinical pharmaceutical studies

Dr. Andrew Macintyre Three to six color TBNK panels assessing T-, B-lymphocytes, and NK cells (CD3, CD4, CD8, CD16, and CD20) are staples of both

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Immunobiology Brochure

Revolutionary treatments require innovative analytics. ABL's immunologists have decades of experience developing immunoassays for challenging vaccine and therapeutic products.

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ABL has over 50 years of experience partnering with clients to meet their preclinical drug development goals. We provide services to clients with the goal

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Government Partnering Brochure

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Luminex xMAP Technology as an Alternative to ELISA

The Luminex xMAP technology offers significant advantages over traditional bioassays by offering high-throughput multiplexing of up to 100 analytes in a single well of a

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AUSHON Immunoassays

Ultrasensitive biomarker detection combined with multiplexing [Download](#)

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We offer an array of MSD-based immunoassays with a proven increase in both dynamic range and sensitivity, made possible through electrochemiluminescent labeling. [Download](#)

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Macrophage-Specific Tumor Cell Immunophenotyping

Flow cytometric analysis of tumor-associated macrophages is performed by our scientists through the use of cell-specific antibodies plus positive and negative magnetic bead-based cell isolation.

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Lymphoproliferation by CFSE

Lymphoproliferation is one of the classic assessments of lymphocyte response to in vitro stimulation. [Download](#)

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PBMC Network

Using peripheral blood mononuclear cells (PBMC) for cell-based immunological assays is a powerful tool to understand and characterize immune mechanisms related to immunotherapies. To address

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Quanterix Simoa

Fully Automated, Ultrasensitive Detection of Analytes [Download](#)

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Clinical Characterization of the PD Profile of a Monoclonal Antibody

ABL successfully validated and implemented a receptor occupancy assay on behalf of a Phase II clinical trial.

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Comprehensive Phenotyping of Immune Cell Subsets

ABL scientists successfully conducted this standardized testing on a large cohort of clinical samples over 3 years, generating up to 350 data points per patient

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Detection and Dosage of Soluble Biomarkers in Clinical Samples

ABL's step-wise approach is performed systematically and can be adapted to our partners' needs. The use of state-of-the-art technology and fit-for-purpose validated bio-analytical methods strengthens

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Preclinical Characterization of Humoral Immune Responses

Recent preclinical studies have demonstrated the use of properly folded trimeric HIV-1 envelope proteins in eliciting broadly

neutralizing antibodies (bNAbs). These bNAbs target highly conserved

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[ABL Lyon ISO 9001 Accreditation](#)

ABL Lyon's site is accredited for ISO 9001.

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[ABL Inc. GCLP Accreditation](#)

ABL's U.S. location is accredited for Good Clinical Laboratory Practices (GCLP) standards.

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ABL's U.S. location is accredited for ISO 9001.

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[EQAPOL ELISPOT EQA Program Participant](#)

The EQAPOL ELISpot EQA program assesses the proficiency of NIAID/DAIDS-supported and other interested research laboratories at performing an interferon- γ (IFN- γ) ELISpot assay. Download

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