

Assays using flow cytometry

Overview

Assay
Immunophenotyping using different panels to characterise common immune cell populations
Staining of intra- and extra-cellular markers
Receptor occupancy assays
T cell activation assays
Analysis of phosphoproteins
Calcium-flux assays
Cell proliferation assays
Apoptosis assays
Cytokine secretion and/or intracellular cytokine staining
Chemotaxis assays
Measurement of oxidative burst
NK cell / neutrophil activation assays
Cytotoxicity (ADCC, CDC), and signal transduction assays
Bead-based cell separation using e.g. Dynabeads or MACS-beads
CD45+/CD34+ stem cell quantification