



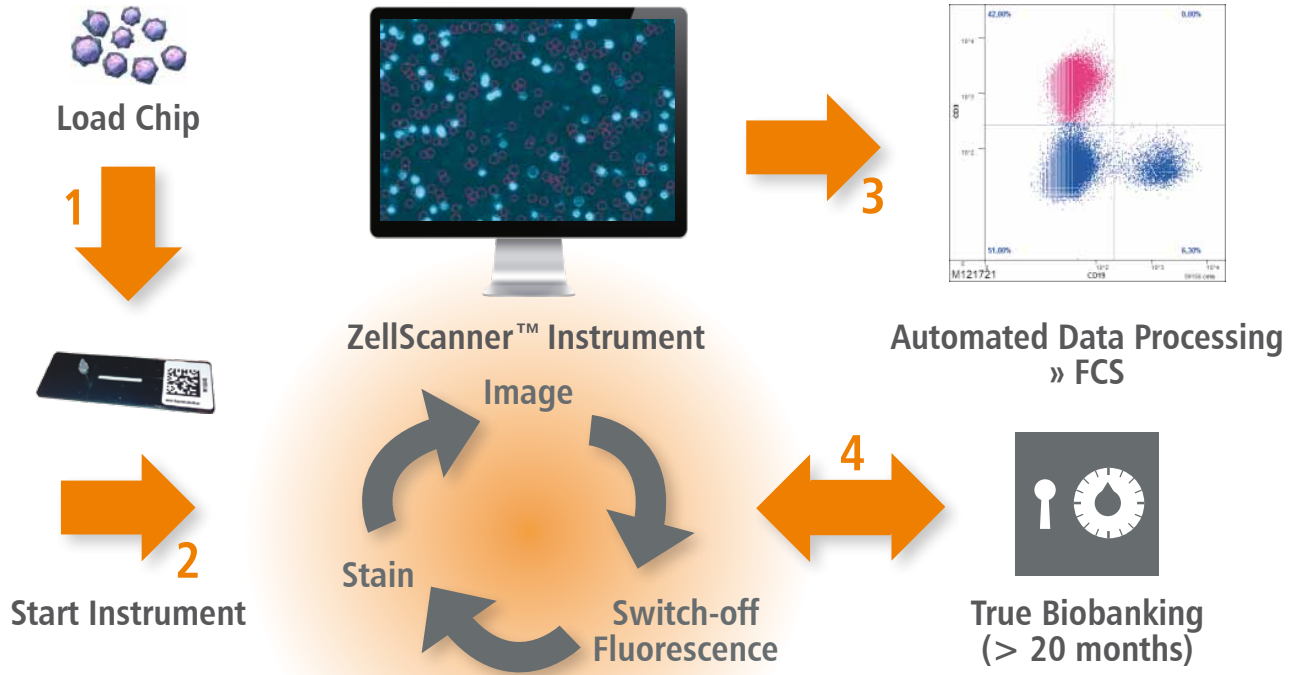
ZELLKRAFTWERK

We are passionate about cellular biomarkers



Chipcytometry Principle:

Sequential multiplexing by Image Cytometry



NEW: 100-plex Human Assay Immune Cell Phenotyping Panel

CD3	CD32*	CD90	CD206	IL1b
CD4	CD34	CD95	CD244	IL8
CD5	CD38	CD105	CD257 (BAFF)	IL10
CD8	CD39	CD115	CD273 (PD-L2)	IL12
CD10	CD40	CD123	CD274 (PD-L1)	IL17A
CD11b	CD45	CD127	CD278 (ICOS)	IL17F
CD11c	CD45RA	CD138	CD279 (PD-1)	Ki-67
CD14	CD45RO	CD141	CD319 (CRACC)	LC (κ)
CD15	CD54	CD152 (CTLA-4)	CD326 (EpCAM)	LC (λ)
CD16	CD56	CD161	AIOLOS (IKZF3)	pan Cytokeratin
CD19	CD57	CD163	FoxP3	RORγ(t)
CD20	CD64	CD172a/b	GM-CSF	T-bet
CD21	CD66b	CD183 (CXCR3)*	Granzyme B	TNFα
CD24	CD68	CD184 (CXCR4)*	Helios	Vimentin
CD25	CD69*	CD185 (CXCR5)*	HLA-DR	Zap-70
CD27	CD71	CD193 (CCR3)*	IFNγ	Caspase-3 (active)
CD28	CD73	CD194 (CCR4)*	IgA	pATM (S1981)
CD29	CD80	CD195 (CCR5)*	IgD	pHistone H2A.X (S139)
CD30	CD81	CD196 (CCR6)*	IgG	pHistone H3 (S10)
CD31	CD86	CD197 (CCR7)*	IgM	p21 Waf1/Cip1

*= live stain assay



37-plex Mouse Assay Immune Cell Phenotyping Panel

CD3	CD106	IFNγ
CD4	CD115	IL10
CD5	CD135	IL12
CD8a	CD154 (CD40L)	IL17A
CD11b	CD201	Ly6C
CD11c	CD202b	Ly6G
CD19	CD204	MHC-II
CD25	CD206	NK1.1
CD45R (B220)	CD274 (PD-L1)	SMA
CD62L	CD301	T-bet
CD86	CD317 (PDCA-1)	TNFα
CD103	F4/80	
CD105	FoxP3	

Instrumentation: Discovery



ZellScanner ONE™

System	benchtop instrument
Operation	manual
Application	exploratory / phase I trials

Instrumentation: High Throughput



Cytobot™

System	automated system
Operation	fully automated, 24/7
Application	phase II/III trials

Next Generation Cytometry

Cytometry for explorative analysis of cytometric and histological samples to understand structures, functions, and mechanisms on a cellular level. **Chipcytometry** combines the unsurpassed quantitative phenotyping ability of flow cytometry with the unparalleled detailed imagery and functional insights of microscopy, while maintaining cell and biomarker integrity over > 20 months.



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