



Charité – Medical Center Berlin
 Institute of Microbiology, Infectious Diseases and Immunology
 Benjamin Franklin Flow Cytometry Facility
 FACS Symphony A3 Configuration (2-B, 3-R, 7-V, 5-UV & 4-YG)



Instrument	LASER	Detector	Name	LP	Filters	Fluorochromes (Examples)						
FACS Symphony A	UV (355 nm)	A	BUV805	770	810/40	BUV 805						
		B	BUV737	690	735/30	BUV 737						
		C	BUV563	550	580/20	BUV 496	HOE. 33342	lbdo-1				
		D	BUV496	490	515/30	BUV 496						
		E	BUV395	370	379/28	BUV 395						
	Violet (405 nm)	A	BV786	770	810/40	BV 785	BV786					
		B	BV750	735	750/30	BV750						
		C	BV711	685	710/50	BV 711	Qdot 705	eFluor 710				
		D	BV650	635	677/20	BV 650	Qdot 655					
		E	BV605	595	605/40	BV 605	Qdot 605	eFluor 605	evolve 605			
		F	BV510	505	525/50	BV 510	AmCyan	Alexa 430	Pac. Orange	Qdot 525	V500	BV 480
		G	BV421	410	450/50	BV 421	Pac. Blue	Alexa 405	eFluor 450	DAPI	Syt. Blue	V450
	Blue (488 nm)	A	BB700	685	710/50	PerCP	BB700	PerCP-Cy5	PerCP-eF 710			
		B	BB515	505	530/30	FITC	GFP	Alexa 488	YFP	BB515	CFSE	
		C	SSC		488/10							
	YG (561 nm)	A	PE-Cy7	750	780/60	PE-Cy7						
		B	PE-Cy5	635	670/330	PI	7AAD	PE-Cy5	mplum			
		C	PE-CF594	600	610/20	PE-Texas Red	mCherry	PE-Alexa 610	7AAD	PI	PE-CF594	PE-Dazzle
		D	PE/BYG584	570	586/15	PE	PI	Alexa 568	DsRed	Rhodamine	RFP	
	Red (640)	A	APC-Cy7	750	780/60	APC-Cy7	APC-H7	APC-Alexa 750	APC-eF780			
		B	APC-R700	690	730/45	APC-R700	Alexa 700	Alexa 680	APC-Alexa 700	APC-R700		
		C	APC	655	670/30	APC	Cy5	Alexa 647	Alexa 660			