

Optical setup Thermo Fisher Bigfoot
Flow Cytometry Core Facility ETHZ

	Laser	Power	Name	Mirror	Bandpass	Common Fluorochrome
1	349nm	100mW	UV387		387/11	BUV395, Spark UV387
2			UV420	409	420/10	AF405
3			UV434	427	434/17	
4			UV455	445	455/14	Hoechst, UV Blue
5			UV473	465	473/15	
6			UV507	488	507/19	BUV496
7			UV549	530	549/15	
8			UV575	560	575/15	BUV563
9			UV615	600	615/24	BUV615
10			UV670	640	670/30	BUV661
11			UV728	685	728/40	BUV737, Hoechst Red
12			UV750	750	750LP	BUV805
13	405nm	100mW	V420		420/10	BV421
14			V434	427	434/17	
15			V455	445	455/14	Pacific Blue, V450
16			V473	465	473/15	BV480, Sytox Blue
17			V507	488	507/19	BV510, L/D Aqua, Amcyan
18			V549	530	549/15	Pacific Orange
19			V575	560	575/15	BV570
20			V615	593	615/24	BV605
21			V661	640	661/20	BV650
22			V710	685	710/20	BV711
23			V747	725	747/33	BV750
24			V770	770	770LP	BV785, BV786
25	445nm	200mW	VB465		465/22	Sytox Blue, CFP
36			VB525	488	525/35	AF430
27			VB583	560	583/30	
28			VB650	640	650LP	Fura Red
29	488nm	125mW	B507		507/19	FITC, AF488, BB515, Sytox Green, GFP
30			B539	530	549/15	Spark Blue550, YFP
31			B583	560	583/30	
32			B615	600	615/24	BB630, RB613
33			B670	640	670/30	BB660, RB670
34			B720	685	720/60	PerCPCy5.5, BB700
35			B750	750	750LP	BB790
36	561nm	120mW	YG575		575/15	PE, Sytox Orange, DsRed
37			YG589	582	589/16	dTomato, BYG584
38			YG605	597	605/15	PE-CF594, PETxRed, PI, mCherry
39			YG625	615	625/15	7-AAD, AF594
40			YG661	640	661/20	PE-Cy5
41			YG685	675	685/15	
42			YG700	692	700/13	PE-Cy5.5
43			YG720	707	720/24	PE-AF700
44			YG760	735	760/50	PE-Cy7
45			YG800	785	800/12	
46			YG832	810	832/37	PE-Fire 810
47			YG860	860	860LP	
48	640nm	100mW	R670		670/30	APC, AF647
49			R700	685	700/13	AF660
50			R720	707	720/24	AF700, R718
51			R760	735	760/50	APC-Cy7, L/D NIR, eFlour780
52			R790	785	790LP	APC-Fire810
53	785nm	75mW	NIR800		800/12	TBD
54			NIR832	810	832/37	iFluor 820
55			NIR860	860	860LP	TBD