

**Materials List for:****Bone Marrow Transplantation Platform to Investigate the Role of Dendritic Cells in Graft-versus-Host Disease**

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**Materials**

Name	Company	Catalog Number	Comments
0.5 M EDTA pH 8.0 100ML	Fisher Scientific	BP2482100	MACS buffer
10X PBS	Fisher Scientific	BP3994	MACS buffer
A20 B-cell lymphoma	University of Central Florida	In house	GVL experiment
ACC1 fl/fl	Jackson Lab	30954	GVL experiment
ACC1 fl/fl CD4cre	University of Central Florida		GVL experiment
Anti-Biotin MicroBeads	Miltenyi Biotec	130-090-485	T-cell enrichment
Anti-Human/Mouse CD45R (B220)	Thermo Fisher Scientific	13-0452-85	T-cell enrichment
Anti-mouse B220 FITC	Thermo Fisher Scientific	10452-85	Flow cytometry analysis
Anti-mouse CD11c- AF700	Thermo Fisher Scientific	117319	Flow cytometry analysis
Anti-Mouse CD25 PE	Thermo Fisher Scientific	12-0251-82	Flow staining
Anti-Mouse CD4 Biotin	Thermo Fisher Scientific	13-0041-86	T-cell enrichment
Anti-Mouse CD4 eFluor® 450 (Pacific Blue® replacement)	Thermo Fisher Scientific	48-0042-82	Flow staining
Anti-mouse CD45.1 PE	Thermo Fisher Scientific	12-0900-83	Flow cytometry analysis
Anti-Mouse CD8a APC	Thermo Fisher Scientific	17-0081-83	Flow cytometry analysis
Anti-mouse H-2Kb PerCP-Fluor 710	Thermo Fisher Scientific	46-5958-82	Flow cytometry analysis
Anti-mouse MHC Class II-antibody APC	Thermo Fisher Scientific	17-5320-82	Flow cytometry analysis
Anti-Mouse TER-119 Biotin	Thermo Fisher Scientific	13-5921-85	T-cell enrichment
Anti-Thy1.2	Bio Excel	BE0066	BM generation
B6 fb <sup>-/-</sup> mice	University of Central Florida	In house	Recipients
B6.Ly5.1 (CD45.1 <sup>+</sup> ) mice	Charles River	564	Donors
BALB/c mice	Charles River	028	Transplant recipients
C57BL/6 mice	Charles River	027	Donors/Recipients
CD11b	Thermo Fisher Scientific	13-0112-85	T-cell enrichment
CD25-biotin	Thermo Fisher Scientific	13-0251-82	T-cell enrichment
CD45R	Thermo Fisher Scientific	13-0452-82	T-cell enrichment
CD49b Monoclonal Antibody (DX5)-biotin	Thermo Fisher Scientific	13-5971-82	T-cell enrichment

Cell strainer 40 uM	Thermo Fisher Scientific	22363547	Cell preparation
Cell strainer 70 uM	Thermo Fisher Scientific	22363548	Cell preparation
D-Luciferin	Goldbio	LUCK-1G	Live animal imaging
Fetal Bovine Serum (FBS)	Atlanta Biologicals R&D system	D17051	Cell Culture
Flow cytometry tubes	Fisher Scientific	352008	Flow cytometry analysis
FVB/NCrI	Charles River	207	Donors
Lipopolysacharide (LPS)	Millipore Sigma	L4391-1MG	DC mature
LS column	Mitenyi Biotec	130-042-401	Cell preparation
MidiMACS	Mitenyi Biotec	130-042-302	T-cell enrichment
New Brunswick Galaxy 170R incubator	Eppendorf	Galaxy 170 R	Cell Culture
Penicillin+streptomycinPenicillin/ Streptomycin (10,000 units penicillin / 10,000 mg/ml strep)	GIBCO	15140	Media
RPMI 1640	Thermo Fisher Scientific	11875-093	Media
TER119	Thermo Fisher Scientific	13-5921-82	T-cell enrichment
Xenogen IVIS-200	Perkin Elmer	Xenogen IVIS-200	Live animal imaging
X-RAD 320 Biological Irradiator	Precision X-RAY	X-RAD 320	Total Body Irradiation