

MAJOR RESOURCES TABLE

Antibodies		
DESCRIPTION	SOURCE	IDENTIFIER
PE-Cy7 anti-human CD32	eBiosciences	Cat # 25-0329-41
PE-Cy5 anti-CD64	Abcam	Cat # ab192338
Alexa Fluor anti-human 488 CD68	Biolegend	Cat # 333811
Brilliant Violet anti-human 650 CD80	Biolegend	Cat # 305227
PerCP-Cy5.5 anti-human CD206	Biolegend	Cat # 321121
PE-CF594 mouse anti-human CD163	BD Biosciences	Cat # 562670
APC anti-human CD142 Antibody	Biolegend	Cat # 365205
Human/Mouse Arginase 1/ARG1 PE-conjugated Antibody	Bio-Techne	Cat # IC5868P
Brilliant Violet 421™ anti-human MERTK Antibody	Biolegend	Cat # 367603
Alexa Fluor® 488 anti-human CD54 (ICAM1) Antibody	Biolegend	Cat # 322713
APC/Cy7 anti-human CD14 antibody	Biolegend	Cat # 367107
PE/Cy7 anti-human CD14 Antibody	Biolegend	Cat # 325618
Alexa Fluor® 647 anti-human CD14 Antibody	Biolegend	Cat # 325612
APC/Cyanine7 anti-human CD16 Antibody	Biolegend	Cat # 302018
Brilliant Violet 711™ anti-human CD11b Antibody	Biolegend	Cat # 301344
PE anti-human CD62P (P-Selectin) Antibody	Biolegend	Cat # 304906
Pacific Blue™ anti-human/mouse CD162 (CLA) Antibody	Biolegend	Cat # 321308
PerCP/Cyanine5.5 anti-human CD63 Antibody	Biolegend	Cat # 353020
PE/Dazzle™ 594 anti-human CD49d Antibody	Biolegend	Cat # 304326
PE/Cy7 anti-human CD41 Antibody	Biolegend	Cat # 303718
Cox2 (D5H5) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate)	Cell Signaling	Cat # 13596S
5-Lipoxygenase Antibody [DyLight 405]	Bio-Techne	Cat # NB110-58748V
ALOX12 Rabbit polyclonal Antibody (C-term)	Abgent	Cat # AP8877B
15-Lipoxygenase-1 Polyclonal Antibody, ALEXA FLUOR® 647 Conjugated	Bioss Antibodies	Cat # BS-6505R-A647-BSS
Monoclonal Mouse IgG2a Anti-ALOX15B antibody	Sigma	Cat # SAB1402114
FPRL1/FPR2 Antibody	Novus Biologicals	Cat # NLS1878
GPR18 antibody	Biobyrt	Cat # orb157333
GPR32 antibody [N1], N-term	Genetex	Cat # GTX108119
GPR37 Polyclonal Antibody	Invitrogen	Cat # PA5-65344
GPR101 antibody (G Protein-Coupled Receptor 101)	antibodies-online	Cat # AA 451-500
PathPlus™ LGR6 Antibody (N-Terminus)	Strattech	Cat # LS-A442-LSP
Human ChemR23 PE-conjugated Antibody	R&D systems	Cat # FAB362P
anti-human IFN-α mAb MT1/3/5, purified mouse IgG1	2BScientific	Cat # 3425-3-250
Alexa Fluor® 647 anti-human IL-1β Antibody	Biolegend	Cat # 508207

PerCP/Cyanine5.5 anti-human IL-6 Antibody	Biolegend	Cat # 501117
BV650 Mouse Anti-Human TNF	BD Biosciences	Cat # 563418
BV786 Rat Anti-Human and Viral IL-10	BD Biosciences	Cat # 564049

Bacterial Strains

DESCRIPTION	SOURCE	IDENTIFIER
Streptococcus pneumoniae	Public Health England	NCTC 7465, serovar serotype 1

Chemicals and reagents

DESCRIPTION	SOURCE	IDENTIFIER
Ethanol, Absolute (200 proof), Mol Biology grade, Dnase, Rnase, Protease-free	Fisher Scientific Uk Ltd	Cat # 10644795
Methanol, Optima(TM) LC/MS grade	Fisher Scientific Uk Ltd	Cat # 10767665
Acetic acid	Fluka	Cat # 07692-1L-F
Methyl formate, 98% for spectroscopy	Fisher Scientific Uk Ltd	Cat # 10414315
n-Hexane; For HPLC; 97+%; Acros Organics	Fisher Scientific Uk Ltd	Cat # 11934421
Deuterium-labelled 5S-HETE	Cayman Chemicals	Cat # 10007276
Deuterium-labelled Leukotriene (LT) B4	Cayman Chemicals	Cat #: 320110
Deuterium-labelled Lipoxin (LX) A4	Cayman Chemicals	Cat #: 10007737
Deuterium-labelled Resolvin (Rv) D2	Cayman Chemicals	Cat #: 11184
Deuterium-labelled prostaglandin (PG) E2	Cayman Chemicals	Cat #: 314010
PGD2	Cayman Chemicals	Cat #: 10007202
PGE2	Cayman Chemicals	Cat #: 10007211
PGF2a	Cayman Chemicals	Cat # 16010
Thromboxane B2	Cayman Chemicals	Cat #: 10007237
LTB4	Cayman Chemicals	Cat #: 10007240
20-OH-LTB4	Cayman Chemicals	Cat # 20190
LXA4	Cayman Chemicals	Cat #: 10007271
LXB4	Cayman Chemicals	Cat #: 90420
5S,12S-diHETE	In-house biogenic synthesis (J Dalli)	Borgeat et al., (1982)
5S,15S-diHETE	Cayman Chemicals	Cat #: 35280
15-epi-LXA4	Cayman Chemicals	Cat #: 90415
15-epi-LXB4	Custom Synthesis (Dr Charles Serhan, Harvard Medical School)	Claria et al., (1996)
RvE1	Cayman Chemicals	Cat #: 10007848

RvE2	Custom synthesis	Serhan et al., (2000)
RvE3	Custom synthesis	Isobe et al., (2012)
RvD1	Cayman Chemicals	Cat #: 10012554
RvD2	Cayman Chemicals	Cat #: 10007279
RvD3	Cayman Chemicals	Cat #: 13834
RvD4	Custom Synthesis (Dr Charles Serhan, Harvard Medical School)	Winkler et al., (2016)
RvD5	Cayman Chemicals	Cat #: 10007280
RvD6	In-house biogenic synthesis (J Dalli)	N/A
17R-RvD1	Cayman Chemicals	Cat #: 13060
17R-RvD3	Custom Synthesis (Dr Charles Serhan, Harvard Medical School)	Dalli et al., (2013b)
Maresin (MaR) 1	Cayman Chemicals	Cat #: 10878
MaR2	Cayman Chemicals	Cat #: 16369
4S,14S-diHDHA	In-house biogenic synthesis (J Dalli)	Serhan et al., (2009)
7S,14S-diHDHA	In-house biogenic synthesis (J Dalli)	Serhan et al., (2009)
22-OH-MaR1	In-house biogenic synthesis (J Dalli)	Colas et al., (2016)
14-oxo-MaR1	In-house biogenic synthesis (J Dalli)	Colas et al., (2016)
Protectin (PD)1	Custom Synthesis (Dr Charles Serhan, Harvard Medical School)	Petasis et al., (2012)
10S,17S-diHDHA	Custom Synthesis (Dr Charles Serhan, Harvard Medical School)	Petasis et al., (2012)
22-OH-PD1	Custom Synthesis (Dr Trond V. Hansen, University of Oslo)	Tungen et al., (2014b)
n-3 DPA	Cayman Chemicals	Item № 21907
RvD1n-3 DPA	In-house biogenic synthesis (J Dalli)	Dalli et al., (2013a)
RvD2n-3 DPA	In-house biogenic synthesis (J Dalli)	Dalli et al., (2013a)
RvD5n-3 DPA	In-house biogenic synthesis (J Dalli)	Dalli et al., (2013a)
MaR1n-3 DPA	Custom Synthesis (Dr Trond V. Hansen, University	Tungen et al., (2014a)

	of Oslo)	
7S, 14S-diHDPA	In-house biogenic synthesis (J Dalli)	Dalli et al. (2013a)
PD1n-3 DPA	Custom Synthesis (Dr Trond V. Hansen, University of Oslo)	Aursnes et al. (2014)
PD2n-3 DPA	In-house biogenic synthesis (J Dalli)	Dalli et al. (2013a)
16S, 17S-ePDn-3 DPA	Custom Synthesis (Dr Trond V. Hansen, University of Oslo)	This paper
10S,17S-diHDPA	In-house biogenic synthesis (J Dalli)	Dalli et al. (2013a)
Δ 15trans-PD1n-3 DPA	In-house biogenic synthesis (J Dalli)	This paper
10epi- Δ 15trans-PD1n-3 DPA	In-house biogenic synthesis (J Dalli)	This paper
17R-PD1	Custom Synthesis (Dr Charles Serhan, Harvard Medical School)	Petasis et al. (2012)
Brain Heart Infusion Broth (Dehydrated)	ThermoFisher	Cat # 11469668
Histopaque – 1077	Sigma	Cat # 10771-100ML
Dulbecco's phosphate buffer saline with MgCl ₂ and CaCl ₂ (PBS+/+)	Sigma	Cat # D8662
Dulbecco's phosphate buffer saline without MgCl ₂ and CaCl ₂ (PBS-/-)	Sigma	Cat # D8537
RPMI-1640 Medium	Sigma	Cat # R8758
Recombinant Human GM-CSF	Biolegend	Cat # 572902
Human serum (type AB; male)	Sigma	Cat # H4522-100ML
Penicillin-Streptomycin	Sigma	Cat # P4333
Fetal bovine serum (FBS)	Gibco	Cat # 10500064
DMSO, cell culture reagent	ChemCruz	Cat # sc-358801
Bovine serum albumin (BSA)	Sigma	Cat # A9418
EDTA	Invitrogen	Cat # 15575-038
pHrodo Red Succinimidyl Ester	Invitrogen	Cat # P36600
pHrodo Green S. aureus Bioparticles Conjugate for Phagocytosis	Invitrogen	Cat # P35367
pHrodo Red Zymosan Bioparticles Conjugate for Phagocytosis	Invitrogen	Cat # P35364
Hoechst 33342 Ready Flow Reagent	Invitrogen	Cat # R37165
UltraComp eBeads™ Compensation Beads	Invitrogen	Cat # 01-2222-42
Rainbow Calibration Particles (8 peaks), 3.0 - 3.4 μ m	BD bioscience	Cat # 559123
Trypan Blue	Sigma	Cat # T8154
Recombinant Human S100A8/A9 Heterodimer (carrier-free)	Biolegend	Cat # 753404

Brefeldin A Solution (1,000X)	Biolegend	Cat # 420601
Whole Blood Lysing Reagent	Beckman Coulter	Cat # 6603152
Permeabilization buffer (10X)	eBiosciences	Cat # 00-8333-56
Fixation/Permeabilization Concentrate	eBiosciences	Cat # 00-5123-43
Fixation/Permeabilization Diluent	eBiosciences	Cat # 00-5223-56
Hanks Balanced Salt solution	Sigma	Cat # H6648
γ-Globulins from human blood (FC block)	Sigma	Cat # G4386-5G
PerCP/Cy5.5® Conjugation Kit - Lightning-Link®	Abcam	Cat # ab102911
Alexa Fluor® 488 Conjugation Kit - Lightning-Link	Abcam	Cat # ab236553
Alexa Fluor® 700 Conjugation Kit - Lightning-Link®	Abcam	Cat # ab269824
Alexa Fluor® 594 Antibody Labeling Kit	Invitrogen	Cat # A20185
APEX™ Pacific Blue™ Antibody Labeling Kit	Invitrogen	Cat # A10478
APEX™ Alexa Fluor™ 647 Antibody Labeling Kit	Invitrogen	Cat # A10475

Cultured cells

DESCRIPTION	SOURCE	IDENTIFIER
HL-60	ATCC	Cat # CCL-240

Software

DESCRIPTION	SOURCE	IDENTIFIER
FlowJo software v10	Tree Star	https://www.flowjo.com/
GraphPad Prism 9.0	GraphPad Software	https://www.graphpad.com/

Other

DESCRIPTION	SOURCE	IDENTIFIER
Isolute 500 mg / 3ml C18 SPE column	Biotage, Sweden	Cat # 220-0050-B
Poroshell 120 EC-18 4.6 mm x100 mm x 2.7 μm reversed phase column	Agilent, USA	N/A
LSR Fortessa cell analyser	BD Biosciences, UK	N/A
Extra-Hera	Biotage, Sweden	N/A
TurboVap LV	Biotage, Sweden	N/A
Qtrap 5500/6500	AB Sciex	N/A
Shimadzu SIL-20AC auto-injector	Shimadzu Corp.	N/A
LC-20AD Binary pump	Shimadzu Corp.	N/A
Celldiscoverer 7 high-content imager	Carl Zeiss Ltd	N/A