

Materials List for:

## Visualization of Bacterial Resistance using Fluorescent Antibiotic Probes

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### Materials

Name	Company	Catalog Number	Comments
3-(dimethylamino)phenol	Alfa-Aesar	B23067	
4-chloro-7-nitro-benzofuran	Sigma-Aldrich	163260-5G	
Amicon Ultra-0.5 centrifugal filter unit with Ultracel- 10 membrane	Merck	UFC501096	
Atlantis Prep T3 OBD (100 A, 5 uM, 10x250 mm)	Waters	186008205	
Atlantis T3 column (100 A, 5 uM, 2.1 × 50 mm)	Waters	186003734	
Bruker Avance 600 MHz spectrometer	Bruker		
Buchi Reveleris C18 12g Cartridge	Buchi	BUC145152103	
CCCP	Sigma-Aldrich	C2759	
Celite 545	Sigma-Aldrich	22140-5KG-F	
Cygel	ABCAM	Ab109204	
Elyra PS,1 SIM/STORM confocal microscope	Zeiss		
FM4-64FX, fixable analog of FM™ 4-64 membrane stain	Life Technologies Australia Pt	F34653	
Gallios flow cytometer	Beckman Coulter		
Gamma 2-16 LSCplus lyophilise	CHRIST		
Gilson HPLC 2020	Gilson		
Hanks' Balanced Salt solution, Modified, with sodium bicarbonate, without phenol red, calcium chloride and magnesium sulfate, liquid, sterile-filtered, suitable for cell culture	Sigma-Aldrich	H6648-500ML	
Hettich Zentrifugen Rotofix 32	Hettich		
High performance #1.5 cover slips (18 x 18 mm)	Schott/Zeiss	474030-9000-000	
Hoechst 33342, Trihydrochloride, Trihydrate - Fluo	Life Technologies Australia Pt	H21492	
LB	AMRESCO	J106	
Leica STED 3X Super Resolution Microscope with White Light Laser excitation	Leica		
Lysozyme from chicken egg white lyophilized powder	Sigma-Aldrich	L6876	
Mueller Hinton II Broth Cation adjusted	Becton Dickinson	212322	
Propargylamine	Sigma-Aldrich	P50900-5G	

Reveleris GRACE MPLC	Buchi		
Shimadzu LCMS-2020	Shimadzu		
Sigma 1-15 Microcentrifuge	Sigma-Aldrich		
Silica gel 60 (0.040-0.063 mm) for column chromatography (230-400 mesh ASTM)	Merck	1093859025	
SYTO 9 Green Fluorescent Nucleic Acid Stain	Life Technologies Australia Pt	S34854	
TECAN Infinite M1000 PRO	TECAN		