

Materials List for:

A New Method for Qualitative Multi-scale Analysis of Bacterial Biofilms on Filamentous Fungal Colonies Using Confocal and Electron Microscopy

Cora Miquel Guennoc¹, Christophe Rose², Frédéric Guinnet¹, Igor Miquel¹, Jessy Labbé³, Aurélie Deveau¹

¹Interactions Arbres – Microorganismes, UMR1136, INRA Université de Lorraine

²Ecologie et Ecophysiologie Forestières - PTEF, UMR 1137, INRA Université de Lorraine

³Biosciences Division, Oak Ridge National Laboratory

Correspondence to: Aurélie Deveau at aurelie.deveau@inra.fr

URL: <https://www.jove.com/video/54771>

DOI: [doi:10.3791/54771](https://doi.org/10.3791/54771)

Materials

Name	Company	Catalog Number	Comments
6 well Falcon Tissue Culture Plates	Fisher Scientific	08-772-33	Used in 2.2 & 3.1
Congo Red	Fisher Scientific	C580-25	Used in 3.1.4.1
FUN 1 Cell Stain	Thermo Fisher Scientific	F7030	Used in 3.1.4.1
Wheat Germ Agglutinin, Alexa Fluor 633 Conjugate	Thermo Fisher Scientific	W21404	Used in 3.1.4.1
DAPI solution	Thermo Fisher Scientific	62248	Used in 3.1.4.2
Propidium iodide	Thermo Fisher Scientific	P3566	Used in 3.1.4.3
FilmTracer SYPRO Ruby Biofilm Matrix protein Stain	Thermo Fisher Scientific	F10318	Used in 3.1.4.4
Fluoromount-G Slide Mounting Medium	Fisher Scientific	OB100-01	Used in 3.1.7
LSM780 Axio Observer Z1	Zeiss		Used in 3.2.1
ZEN 2.1 lite black software	Zeiss		Used in 3.2.1
High Vacuum Coater Leica EM ACE600	Leica		Used in 4
GeminiSEM-FEG	Zeiss		Used in 4