

Materials List for:

# Analyzing Cellular Internalization of Nanoparticles and Bacteria by Multi-spectral Imaging Flow Cytometry

Yashdeep Phanse<sup>1</sup>, Amanda E. Ramer-Tait<sup>1</sup>, Sherree L. Friend<sup>2</sup>, Brenda Carrillo-Conde<sup>3</sup>, Paul Lueth<sup>1</sup>, Carrie J. Oster<sup>1</sup>, Gregory J. Phillips<sup>1</sup>, Balaji Narasimhan<sup>3</sup>, Michael J. Wannemuehler<sup>1</sup>, Bryan H. Bellaire<sup>1</sup>

<sup>1</sup>Department of Veterinary Microbiology and Preventive Medicine, Iowa State University

<sup>2</sup>Amnis Corporation

<sup>3</sup>Department of Chemical and Biological Engineering, Iowa State University

Correspondence to: Balaji Narasimhan at [nbalaji@iastate.edu](mailto:nbalaji@iastate.edu), Michael J. Wannemuehler at [mjwannem@iastate.edu](mailto:mjwannem@iastate.edu), Bryan H. Bellaire at [bbella@iastate.edu](mailto:bbella@iastate.edu)

URL: <https://www.jove.com/video/3884>

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## Materials

Name	Company	Catalog Number	Comments
RAW 264.7 cell line	American Type Culture Collection (ATCC)	TIB-71	
Dulbecco's Modified Eagle Medium (DMEM)	Cellgro	10-013-CV	
Fetal bovine serum	Atlanta Biologicals	S 11150	Premium Grade
Glutamax	GIBCO, by Life Technologies	35050-061	
HEPES	GIBCO, by Life Technologies	15630-080	
24-well plate	Techno Plastic Products	92024	
Cell culture Flasks	Techno Plastic Products	90151	
Cell scraper	Techno Plastic Products	99002	24 cm
<i>Salmonella entericaserovar</i> Typhimurium	ATCC	14028	
BTX ECM630 Electro Cell Manipulator	BTX Technologies		
MOPS	Fisher Scientific	BP308	
Phosphate buffered saline (PBS)	Cellgro	21-040-CV	
Ultrasonic liquid processor	Misonix	S-4000	
Cytochalasin-D	Sigma-Aldrich,	C8273	
Formaldehyde	Polysciences, Inc.	04018	
Wash buffer	2% heat inactivated FBS, 0.1% sodium azide in PBS.		
Perm/wash buffer	BD Biosciences	554714	
Clear-view snap cap microtubes	Sigma-Aldrich	T4816	
Alexa Fluor phalloidin 660	Invitrogen	A22285	
ImageStream <sup>X</sup>	Amnis Corporation	100200	Options: 658nm laser, autosampler
Sodium azide	Fisher Scientific	S 2271-500	