

Materials List for:

# Live Cell Analysis of Shear Stress on *Pseudomonas aeruginosa* Using an Automated Medium-Throughput Microfluidic System

Arin L. Sutilief<sup>\*1</sup>, Helena Valquier-Flynn<sup>1</sup>, Christina Wilson<sup>1</sup>, Marco Perez<sup>1</sup>, Hunter Kleinschmidt<sup>2</sup>, Brett J. Schofield<sup>2</sup>, Elizabeth Delmain<sup>3</sup>, Andrea E. Holmes<sup>1</sup>, Christopher D. Wentworth<sup>\*4</sup>

<sup>1</sup>Department of Chemistry, Doane University

<sup>2</sup>Department of Biology, Doane University

<sup>3</sup>Department of Pathology and Microbiology, University of Nebraska Medical Center

<sup>4</sup>Department of Physics and Engineering, Doane University

\*These authors contributed equally

Correspondence to: Arin L. Sutilief at [arin.sutilief@doane.edu](mailto:arin.sutilief@doane.edu), Christopher D. Wentworth at [chris.wentworth@doane.edu](mailto:chris.wentworth@doane.edu)

URL: <https://www.jove.com/video/58926>

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## Materials

| Name                                                  | Company             | Catalog Number | Comments                                                                                       |
|-------------------------------------------------------|---------------------|----------------|------------------------------------------------------------------------------------------------|
| Ammonium Chloride, ACS                                | VWR                 | BDH9208-500G   | Part of the minimal media composition                                                          |
| BioFlux 1000 48 Well Low Shear Plate                  | Fluxion Biosciences | 910-0047       |                                                                                                |
| BioFlux 1000Z Microfluidic Imaging System             | Fluxion Biosciences | BF 1000Z       |                                                                                                |
| Calcium Chloride Dihydrate, ACS Grade                 | VWR                 | 97061-904      | Part of the minimal media composition                                                          |
| Dextrose, Anhydrous, ACS                              | VWR                 | BDH9230-500G   | Part of the minimal media composition                                                          |
| Magnesium Sulfate ACS Grade                           | VWR                 | EM-MX0070-1    | Part of the minimal media composition                                                          |
| Potassium Phosphate Monobasic, ACS Grade              | VWR                 | BDH9268-500G   | Part of the minimal media composition                                                          |
| <i>Pseudomonas aeruginosa</i> GFP                     | ATCC                | 15692GFP       | <i>Pseudomonas aeruginosa</i> bacterial strain PA01 with GFP modification used for this study. |
| Sodium Chloride, ACS                                  | VWR                 | BDH9286-500G   | Part of the minimal media composition                                                          |
| Sodium Phosphate, Monobasic, Anhydrous, Reagent Grade | VWR                 | 97061-942      | Part of the minimal media composition                                                          |