

Materials List for:

# Use of Viral Entry Assays and Molecular Docking Analysis for the Identification of Antiviral Candidates Against Coxsackievirus A16

Jonathan Y. Wang<sup>1</sup>, Chien-Ju Lin<sup>2</sup>, Ching-Hsuan Liu<sup>3,4</sup>, Liang-Tzung Lin<sup>3,5</sup>

<sup>1</sup>Department of Molecular Biosciences, University of Texas at Austin

<sup>2</sup>School of Pharmacy, College of Pharmacy, Kaohsiung Medical University

<sup>3</sup>Graduate Institute of Medical Sciences, College of Medicine, Taipei Medical University

<sup>4</sup>Department of Microbiology and Immunology, Dalhousie University

<sup>5</sup>Department of Microbiology and Immunology, School of Medicine, College of Medicine, Taipei Medical University

Correspondence to: Liang-Tzung Lin at [ltlin@tmu.edu.tw](mailto:ltlin@tmu.edu.tw)

URL: <https://www.jove.com/video/59920>

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## Materials

| Name                                     | Company                                 | Catalog Number | Comments  |
|--|---|----------------|---|
| 4% Paraformaldehyde                      | Sigma                                   | AL-158127-500G |   |
| Alexa 488-conjugated anti-mouse IgG      | Invitrogen                              | A11029         |   |
| Amphotericin B                           | GIBCO                                   | 15290-018      |   |
| Anti-VP1 antibody                        | Merck-Millipore                         | MAB979         | Anti-Enterovirus 71 Antibody, cross-reacts with Coxsackie A16, clone 422-8D-4C-4D |
| Beckman Coulter Cytometer                | Beckman Coulter                         | FC500          |   |
| Corina                                   | Molecular Networks GmbH                 |                |   |
| Crystal violet                           | Sigma                                   | C3886-100G     |   |
| DMEM                                     | GIBCO                                   | 11995-040      |   |
| DMSO                                     | Sigma                                   | D5879          |   |
| FBS                                      | GIBCO                                   | 26140-079      |   |
| Formaldehyde                             | Sigma                                   | F8775          |   |
| Graphpad Prism                           | GraphPad                                |                |   |
| Heparin sodium salt                      | Sigma                                   | H3393          |   |
| In vitro toxicology assay kit, XTT-based | Sigma                                   | TOX2           |   |
| Methylcellulose                          | Sigma                                   | M0512-100G     |   |
| PBS pH 7.4                               | GIBCO                                   | 10010023       |   |
| Penicillin-Streptomycin                  | GIBCO                                   | 15070-063      |   |
| PyMol                                    | Schrödinger                             |                |   |
| UCSF Chimera                             | University of California, San Francisco |                |   |