

# Publications

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## Dr. Justin Chu's Representative Publications

Min N, Sakthi Vale PD, Wong AA, Tan NWH, Chong CY, Chen CJ, Wang RYL, Chu JJH (2018).

Circulating Salivary miRNA hsa-miR-221 as Clinically Validated Diagnostic Marker for Hand, Foot, and Mouth Disease in Pediatric Patients.

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Teo FMS, Nyo M, Wong AA, Tan NWH, Koh MT, Chan YF, Chong CY, Chu JJH (2018).  
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***Scientific Reports***. 8(1):4087.

Too IHK, Bonne I, Tan EL, Chu JJH, Alonso S (2018).

Prohibitin plays a critical role in Enterovirus 71 neuropathogenesis.

***PLoS Pathogens***. 14(1):e1006778.

Min N, Leong PT, Lee RCH, Khuan JSE, Chu JJH (2018).

A flavonoid compound library screen revealed potent antiviral activity of plant-derived flavonoids on human enterovirus A71 replication.

***Antiviral Research***. 150:60-68.

Tan YW, Yam WK, Sun J, Chu JJH (2018).

An evaluation of Chloroquine as a broad-acting antiviral against Hand, Foot and Mouth Disease.

***Antiviral Research***. 149:143-149.

Wu KX, Chu JJ (2017).

Antiviral screen identifies EV71 inhibitors and reveals camptothecin-target, DNA topoisomerase 1 as a novel EV71 host factor.

***Antiviral Research***. 143:122-133.

Reyes M, Piotrowski M, Ang SK, Chan J, He S, Chu JJH, Kah JCY (2017).

Exploiting the Anti-Aggregation of Gold Nanostars for Rapid Detection of Hand, Foot, and Mouth Disease Causing Enterovirus 71 Using Surface-Enhanced Raman Spectroscopy.

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***Antiviral Research.*** 134:207-215.

Tan YW, Hong WJ, Chu JJ (2016).

Inhibition of enterovirus VP4 myristoylation is a potential antiviral strategy for hand, foot and mouth disease.

***Antiviral Research.*** 133:191-195.

Teo FM, Chu JJ (2016).

Diagnosis of human enteroviruses that cause hand, foot and mouth disease.

***Expert Review of Anti-infective Therapy.*** 14(5):443-445.

Ang MJ, Lau QY, Ng FM, Then SW, Poulsen A, Cheong YK, Ngoh ZX, Tan YW, Peng J, Keller TH, Hill J, Chu JJ, Chia CS (2016).

Peptidomimetic ethyl propenoate covalent inhibitors of the enterovirus 71 3C protease: a P2-P4 study.

***Journal of Enzyme Inhibition and Medicinal Chemistry.*** 31(2):332-339.

Chen H, Parimelalagan M, Takei F, Hapuarachchi HC, Koay ES, Ng LC, Ho PS, Nakatani K, Chu JJH (2016).

Development of 2, 7-Diamino-1, 8-Naphthyridine (DANP) Anchored Hairpin Primers for RT-PCR Detection of Chikungunya Virus Infection.

***PLoS Neglected Tropical Diseases.*** 10(8): e0004887.

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The role of Misshapen NCK-related kinase (MINK), a novel Ste20 family kinase, in the IRES-mediated protein translation of human enterovirus 71.  
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Chen J, Ng MM, Chu JJH (2015).  
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**Antiviral Research.** 94(2):188-194.

Lim ME, Lee YL, Zhang Y and Chu JJH (2011).

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**Biomaterials.** 33(6):1912-1920.

Low JSY, Wu KX, Chen KCY, Ng MML and Chu JJH (2011).

Narasin, a novel antiviral compound that inhibits dengue virus protein expression.

**Antiviral Therapy,** 16(8): 1203-1218.

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**Future Virology,** 6(10): 1211-1223.

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