



GRADUATE MEDICAL EDUCATION  
Office for Physician-Scientist Research Training

# Resident/Fellow Publication of the Month

## February 2026



**John G. Hong, MD**  
Fellow  
Pediatric Hepatology Research  
The Mount Sinai Hospital












**Mentor**  
**Jaime Chu, MD**  
Professor  
Pediatrics, Hepatology  
Stem Cell Biology and Regenerative  
Medicine

### ORIGINAL ARTICLE

OPEN



## Mannose reduces fructose metabolism and reverses MASH in human liver slices and murine models *in vivo*

John G. Hong<sup>1</sup>  Joshaya Trotman<sup>1</sup>  Yvette Carbajal<sup>1</sup>  Poulomi Dey<sup>1</sup>  
Mariel Glass<sup>1</sup> Victoria Sclar<sup>1</sup>  Isaac L. Alter<sup>1</sup>  Peng Zhang<sup>2</sup>  
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Shuang Wang<sup>5</sup>  Scott L. Friedman<sup>5</sup>  Charles DeRossi<sup>1</sup>  Jaime Chu<sup>1</sup> 