

# Grand Rounds

April 20, 2021 | 12:00 p.m. | Virtual/Zoom

## Brett Lindenbach, PhD

Associate Professor of Microbial  
Pathogenesis and of Comparative Medicine

### *High Throughput Tools to Dissect SARS-CoV-2 Replication*

**Needs:** Deploying cutting-edge genome engineering technologies to dissect viral replication machinery and fast-track drug discovery for COVID-19 is essential.

**Objectives:** Explore the development of a genomic toolset to expedite basic and applied research on SARS-CoV-2.

## Derek Toomre, PhD

Professor of Cell Biology, Yale School of  
Medicine

### *Exocyst Mediated Recycling of Primary Cilia*

**Needs:** Understand how the exo-endocytic cycle is spatially regulated during cellular morphogenesis.

**Objectives:** Discuss new and state-of-the-art multidimensional optical methods to better understand the basic mechanisms of polarized membrane trafficking and spatial-temporal control of endo-exocytosis.

Please use this URL to join:

<https://ynhh.zoom.us/j/95315328906?pwd=dHh5MjNzU1hEb25pN3lmMGFram9GQT09>

Password: 573736 Or join by phone: +1 301 715 8592

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