



ISRHML
The International Society
for Research in Human
Milk and Lactation

ISRHML European Webinars 2021



Dr. Rebecca Powell

Assistant Professor of Medicine, Infectious
Diseases, Icahn School of Medicine at Mount Sinai

18:00 CET on Tues, Jan 5th

[Register](#) online in advance for this meeting!

*After registering, you will receive a confirmation email
containing information about joining the meeting.*

Evidence of a strong and specific antibody response against SARS- CoV-2 in human milk

The SARS-CoV-2 immune response in human milk has not yet been examined, though protecting infants and young children from COVID-19 is critical for limiting community transmission, and preventing serious illness and death. Just as NYC was shutting down in early April 2020 during its COVID-19 peak, the human milk immunology lab headed by Dr. Rebecca Powell at the Icahn School of Medicine at Mount Sinai began to rapidly enroll local participants into a novel study of the SARS-CoV-2 immune response in human milk. This presentation will describe this study and its early results, which so far indicate a robust antibody response in milk, signifying that continued research is highly warranted to understand if and how breastfed infants are protected by this response, and determine the potential for exploiting extracted milk antibody for therapeutic use.