8 May 2020
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Coronavirus Standards Working Group
What should a Coronavirus Standards Working Group do?

Assure development and availability of standards, controls, interlab testing, knowledge to support successful rollout & scaling of 2019-nCoV testing.

Identify and develop critical infrastructure to support...
- confidence in test results
- interoperability
- scale-up
- long-term capacity

Identify best practices that should be institutionalized

Learn what we need to do next time we have a global network in place ready to make standards.
8 May Agenda

- Standards and Manuscript Update
  - MIAViC
  - standards database
- Patrick Chain
  - *in silico* evaluation of diagnostic assays
- Russell Garlick
  - Advancing SARS-CoV-2 Virus Testing
In silico Evaluation of Diagnostic Assays
Patrick Chain, LANL

Despite its slow mutation rate, SARS-CoV-2 continues to accumulate mutations as it persists in the human population. It is essential to continuously evaluate PCR-based diagnostic assays as new SARS-CoV-2 genome sequences become available.
Russell Garlick, Seracare

Advancing SARS-CoV-2 Virus Testing During the Global Emergency
All other business

How are we doing?
Communications, planning, engagement, process, operations...
Discussion