



17 JULY 2020

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UNIVERSITY

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



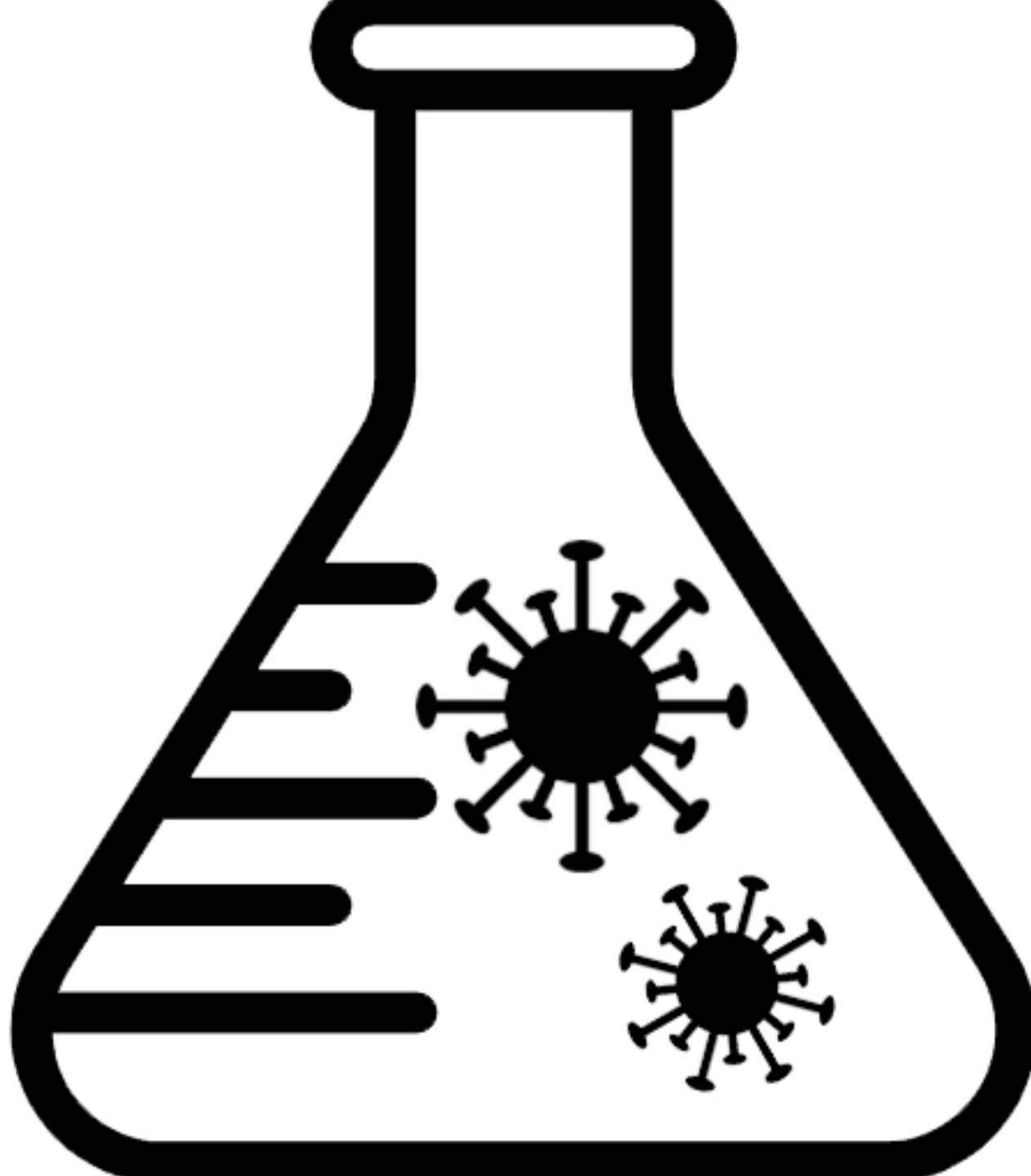
Identify and develop critical infrastructure to support...

- 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.



17 JULY AGENDA

- CSWG Development
- Letter re: Contamination with positive controls – submitted
Jim Huggett, Marc Salit
- NIST Development of a Test Material
Pete Vallone

CSWG TODO LIST

- Manuscript
- Inventory upkeep
- Collaborative Study(ies)
- Minimum Information Standards
- Benchmark Sample Set
- Positive Control Clearinghouse
- Control Watermark Standards
- Establish a WG Board of Directors
- Establish project management
- Develop funding

Opinion

Testing Is on the Brink of Paralysis. That's Very Bad News.

Our pandemic fight requires prompt testing results — and singular cooperation among the states to achieve them.

By Margaret Bourdeaux, Beth Cameron and Jonathan Zittrain

Drs. Bourdeaux and Cameron are health policy experts. Professor Zittrain teaches law and computer science.

July 16, 2020



CAN WE DO
BETTER?



THE WORLD IS A DILUTE SOLUTION OF SARS-COV-2 POSITIVE CONTROLS

JIM HUGGETT

MARC SALIT

NIST DEVELOPMENT OF A SARS-COV-2 TEST MATERIAL

NIST rapidly developed an RNA reference material characterized for concentration using digital PCR methods that may be used to assess limits of detection for SARS-CoV-2 assays and may calibrate other in-house or commercial SARS-CoV-2 controls.

Pete Vallone
Leader, Applied Genetics Group
National Institute of
Standards and Technology



DISCUSSION