

Diagnostic Technology

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Below is a list of resources discussed during this session.

FAQS on testing for SARS-CoV-2. U.S. Food & Drug Administration.

<https://www.fda.gov/medical-devices/coronavirus-covid-19-and-medical-devices/faqs-testing-sars-cov-2>. Updated September 15, 2020. Accessed September 16, 2020.

Ganguli A, Mostafa A, Berger J, Aydin MY, Sun F, de Ramirez SAS, Valera E, Cunningham BT, King WP, **Bashir R**, "Rapid isothermal amplification and portable detection system for SARS-CoV-2", PNAS Online published (2020); doi:10.1073/pnas.2014739117.

Qin Z, Peng R, Baravik IK, Liu X. Fighting COVID-19: Integrated Micro- and Nanosystems for Viral Infection Diagnostics. *Matter*. 2020;3(3):628-651. doi: 10.1016/j.matt.2020.06.015

Ranoa DRE, Holland RL, Alnaji FG, Green KJ, Wang L, Brooke CB, Burke MD, Fan TM, **Hergenrother PJ**. Saliva-based molecular testing for SARS-CoV-2 that bypasses RNA extraction. bioRxiv. 2020. doi.org/10.1101/2020.06.18.159434.