

COVID-19 Media Coverage

COVID-19 Research and Development

May 14, 2020 - Proteomics of SARS-CoV-2-infected hostcells reveals therapy targets

https://www.nature.com/articles/s41586-020-2332-7_reference.pdf

May 4, 2020 - Coronavirus (COVID-19) Update: Daily Roundup

https://www.heraldmillmedia.com/news/state/coronavirus-covid-19-update-daily-roundup/article_85451137-572e-5819-8c8f-037c36d317a6.html

Apr 30, 2020 - A SARS-CoV-2 protein interaction map reveals targets for drug repurposing

<https://www.nature.com/articles/s41586-020-2286-9>

Apr 28, 2020 - LEVERAGING AI TO HUNT FOR POTENTIAL TREATMENTS: A COVID-19 EXAMPLE

<https://bioteam.net/2020/04/leveraging-ai-to-hunt-for-potential-treatments-a-covid-19-example/>

Apr 22, 2020 - AI fast-tracks drug discovery to fight COVID-19

https://eurekalert.org/pub_releases/2020-04/uota-afd042220.php

Apr 21, 2020 - FDA warns against use of unproven COVID-19 antibody tests

<https://www.startribune.com/fda-warns-against-use-of-unproven-covid-19-antibody-tests/569819082/>

Apr 18, 2020 - Frederick National Laboratory has connection to trial of potential anti-COVID-19 drug

https://www.fredericknewspost.com/news/continuing_coverage/coronavirus/frederick-national-laboratory-has-connection-to-trial-of-potential-anti-covid-19-drug/article_c0a21d37-92af-5e89-be57-cee6663fdfa6.html

Apr 13, 2020 - [Developing vaccines will be much faster in future with exascale supercomputers](#)

<https://www.thehindubusinessline.com/news/science/developing-vaccines-will-be-much-faster-in-future-with-exascale-supercomputers/article31331422.ece>

Apr 10, 2020 - [Google and Apple Plan to Turn Phones into COVID-19 Contact-Tracking Devices](https://thehackernews.com/2020/04/iphone-android-coronavirus-tracing.html)

<https://thehackernews.com/2020/04/iphone-android-coronavirus-tracing.html>

Apr 10, 2020 - How Apple and Google Are Enabling Covid-19 Contact-Tracing

<https://www.wired.com/story/apple-google-bluetooth-contact-tracing-covid-19/>

Apr 7, 2020 - Supercomputer Fugaku to be Used to Help Fight Against COVID-19

<https://www.hpcwire.com/off-the-wire/supercomputer-fugaku-to-be-used-to-help-fight-against-covid-19/>

Apr 3, 2020 - IBM builds two AI-powered tools for coronavirus research

<https://siliconangle.com/2020/04/03/ibm-builds-two-ai-powered-tools-coronavirus-research/>

Apr 2, 2020 - Bringing Needed Structure to COVID-19 Drug Development

<https://directorsblog.nih.gov/2020/04/02/bringing-needed-structure-to-covid-19-drug-development/>

Mar 30, 2020 - Coronavirus treatment: Vaccines/drugs in the pipeline for COVID-19

<https://www.clinicaltrialsarena.com/analysis/coronavirus-mers-cov-drugs/>

Mar 30, 2020 - DarwinAI Unleashes COVID-Net

<https://www.datanami.com/2020/03/30/darwinai-unleashes-covid-net/>

Mar 25, 2020 - What's New in Computing vs. COVID-19: White House Initiative, Frontera, RIKEN & More

<https://www.hpcwire.com/2020/03/25/whats-new-in-computing-vs-covid-19-white-house-initiative-frontera-riken-more/>

Mar 25, 2020 - Digital Twins of Cities Simulate Coronavirus Public Policy Impacts

<https://www.enterpriseai.news/2020/03/25/ai-and-covid-19-digital-twins-of-cities-simulate-coronavirus-public-policy-impacts/>

Mar 20, 2020 - Scientists discover critical protein that lets virus hide from immune system

<https://www.anl.gov/article/new-drug-target-found-for-covid19>

Mar 11, 2020 - Repurposing Therapeutics for COVID-19: Small molecule compounds identified by Drs. Smith & Smith for disrupting virus-host interactions

<https://github.com/ravichas/nCoV-2019S-protein-disruptors>

COVID-19 Databases and Journals

<https://www.cdc.gov/library/researchguides/2019novelcoronavirus/databasesjournals.html>

Calls for Proposals

The COVID-19 High Performance Computing (HPC) Consortium

<https://www.xsede.org/covid19-hpc-consortium>

Mar 16, 2020 - Call to Action to the Tech Community on New Machine Readable COVID-19 Dataset

<https://www.whitehouse.gov/briefings-statements/call-action-tech-community-new-machine-readable-covid-19-dataset/>

Funding Opportunities

Apr 23, 2020 - Notice of Special Interest (NOSI): Availability of Emergency Competitive Revisions and Administrative Supplements to Clinical and Translational Science Award (CTSA) Program Awards to Address 2019 Novel Coronavirus Disease (COVID-19) Public Health Needs

<https://grants.nih.gov/grants/guide/notice-files/NOT-TR-20-028.html>

Apr 9, 2020 - FNIH Pandemic Response Fund

<https://mailchi.mp/e9b11bd9d359/fnih-pandemic-response-fund?e=28ce315e9e>

Apr 9, 2020 - Microsoft dedicates \$20M from AI for Health program to COVID-19 data analysis

<https://finance.yahoo.com/news/microsoft-dedicates-20m-ai-health-171905985.html>

Apr 8, 2020 - Rapid-Response Workforce XPRIZE

https://community.xprize.org/categories/future-of-work-rapid-response?utm_source=XPRIZE+Opt-in+Mailing+List&utm_campaign=77b18252cd-EMAIL_CAMPAIGN_2020_04_03_10_56&utm_medium=email&utm_term=0_3ab8e5f3ed-77b18252cd-389463161

Apr 8, 2020 - HPC-AI Advisory Council and National Supercomputing Centre Singapore Expand 3rd APAC HPC-AI Competition to Address COVID-19

https://www.oaoa.com/news/business/article_f7ec3f35-99c6-5bc9-9c1c-787b247d0e5d.html

COVID-19 Funding Opportunities

<https://hub.jhu.edu/novel-coronavirus-information/research-preparedness/research-preparedness-covid-19-funding-opportunities/>

Mar 27, 2020 - Notice of Special Interest (NOSI): Repurposing Existing Therapeutics to Address the 2019 Novel Coronavirus Disease (COVID-19)

<https://grants.nih.gov/grants/guide/notice-files/NOT-TR-20-012.html>

Mar 27, 2020 - COVID-19: \$800+ million to support small businesses and crisis response

<https://blog.google/inside-google/company-announcements/commitment-support-small-businesses-and-crisis-response-covid-19/>

Mar 24, 2020 - Notice of Special Interest (NOSI): Clinical and Translational Science Award (CTSA) Program Applications to Address 2019 Novel Coronavirus (COVID-19) Public Health Need

<https://grants.nih.gov/grants/guide/notice-files/NOT-TR-20-011.html>

Mar 10, 2020 - Bill & Melinda Gates Foundation, Wellcome, and Mastercard Launch Initiative to Speed Development and Access to Therapies for COVID-19

<https://www.gatesfoundation.org/Media-Center/Press-Releases/2020/03/COVID-19-Therapeutics-Accelerator>

Active Players on COVID-19

Apr 21, 2020 - LLNL gets supercomputer from AMD and Penguin Computing to aid COVID-19 research

<https://bioinformaticsindia.com/llnl-gets-supercomputer-from-amd-and-penguin-computing-to-aid-covid-19-research/>

Apr 15, 2020 - ORNL is in the fight against COVID-19 (Oak Ridge)

https://www.newswise.com/coronavirus/ornl-is-in-the-fight-against-covid-19/?article_id=729985

Apr 13, 2020 - Researchers Simulate COVID-19 Interventions on PSC's Bridges Supercomputing Platform (Pittsburgh)

<https://www.hpcwire.com/off-the-wire/university-of-virginia-simulate-covid-19-interventions-on-pscs-bridges-supercomputing-platform/>

Apr 1, 2020 - BSC Uses Bioinformatics, AI, and Marenstrum Supercomputer in Fight Against COVID-19

<https://www.hpcwire.com/off-the-wire/bsc-uses-bioinformatics-ai-and-marenstrum-supercomputer-in-the-fight-against-covid-19/>

Apr 1, 2020 - ImmunityBio Combines Supercomputing Power With Microsoft Azure to Target Infection 'Doorway' of the Coronavirus

<https://www.hpcwire.com/off-the-wire/immunitybio-combines-supercomputing-power-with-microsoft-azure-to-target-infection-doorway-of-the-coronavirus/>

Mar 31, 2020 - Lifebit Provides Free Cloud Operating System, Data Hosting, Analysis Tools to COVID-19 Researchers

<https://www.hpcwire.com/off-the-wire/lifebit-provides-free-cloud-operating-system-data-hosting-analysis-tools-to-covid-19-researchers/>

Mar 31, 2020 - Jetstream and XSEDE Resources Available for Urgent COVID-19 Research (Indiana University)

<https://www.hpcwire.com/off-the-wire/jetstream-and-xsede-resources-available-for-urgent-covid-19-research/>

Mar 24, 2020 - Lab researchers aid COVID-19 response in antibody, anti-viral research (Livermore)

<https://www.newswise.com/articles/lab-researchers-aid-covid-19-response-in-antibody-anti-viral-research>

Mar 5, 2020 - Early research on existing drug compounds via supercomputing could combat coronavirus (Oak Ridge)

<https://www.ornl.gov/news/early-research-existing-drug-compounds-supercomputing-could-combat-coronavirus>

The COVID-19 High Performance Computing (HPC) Consortium

<https://covid19-hpc-consortium.org/>

Allen Institute for AI

<https://pages.semanticscholar.org/coronavirus-research>

PACT: Private Automated Contact Tracing (MIT)

<https://pact.mit.edu/>

Pan-European Privacy-Preserving Proximity Tracing

<https://www.pepp-pt.org/>

NOVID

<https://www.novid.org/>