GEORGIA’S UNIVERSITY SCIENTISTS:
All-in on the fight against COVID-19

Here’s what they’re working on in university labs and startup companies supported by the Georgia Research Alliance:

**A promising drug treatment for COVID-19**
Brought from the lab by Emory nonprofit DRIVE, LLC, it’s now in human clinical trials. MORE >

**A novel vaccine**
Developed by a team led by GRA Eminent Scholar Ted Ross at UGA, it’s now being tested in animal models. MORE >

**Anti-inflammatory drug**
J.D. Li, a GRA Eminent Scholar at Georgia State, is pairing a successful anti-inflammatory drug with antiviral therapeutics. MORE >

**Fast evaluation of drug compounds**
Georgia Tech startup Axion is supplying COVID-19 drug developers with advanced technology to evaluate many potential compounds at once.

**A novel vaccine**
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**Developing new compounds**
They showed “antiviral activity” against Ebola, and GRA Eminent Scholar Chris Basler of Georgia State is now working to test them on SARS-CoV2. MORE >

**National vaccine testing**
The first vaccine to protect against COVID-19 is being tested on humans at Emory’s Hope Clinic. MORE >
**“Anti-spike” antibodies**
GRA Eminent Scholar Jin-Xiong She of Augusta U is pivoting his work in cancer cell therapies to generate antibodies against COVID-19. [MORE >]

**Evaluation of treatment**
Morehouse School of Medicine scientists are working with a pharma company in Senegal to evaluate an herbal treatment for COVID-19. The treatment has been used to treat HIV patients in Senegal.

**Rapid test processing**
The Georgia State lab of GRA Eminent Scholar Julia Hilliard is analyzing up to 1,500 coronavirus tests daily.

**Engineered portable ventilators**
Georgia Tech’s engineers have created a prototype for a new low-cost, portable emergency ventilator. Using electronic sensors and computer control, the new ventilator is designed to be produced for less than $300. [MORE >]

**Made, delivered face shields**
Georgia Tech researchers have made and delivered 10,000 of them to protect healthcare workers. [MORE >]

**Developed a “Coronavirus Checker” instrument**
Emory University’s tool allows site visitors to screen themselves for symptoms of the virus.

**Developed new COVID-19 tests**
Augusta U’s test gets results in 2 hours; Emory’s new serological test helps track the spread of the disease.

**Donated hundreds of N95 masks**
Mercer University gave them to healthcare workers and made several ventilators available for use. [MORE >]

**Re-purposing of existing drugs**
GRA Eminent Scholar Ralph Tripp at UGA found three FDA-approved drugs that have the potential to treat COVID-19. One is now in testing. [MORE >]

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**Beyond GRA-supported scientists, Georgia’s universities:**

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