



FOR IMMEDIATE RELEASE
CONTACT: Kendra Gerlach
VCU College of Engineering
Phone: 804-827-0631
Email: kegerlach2@vcu.edu

Medicines for All Institute developing new, cost-saving synthesis for another anti-HIV drug

Next target follows success of nevirapine and emtricitabine

RICHMOND, Va. (April 15, 2019) — The Medicines for All Institute (M4ALL), which has previously developed cost-saving syntheses for key anti-HIV drugs, is currently targeting lamivudine (3TC), another major first-line therapy for HIV/AIDS treatment.

Researchers at the institute are developing a new, cost-efficient route for 3TC, for which the cost of raw materials has been increasing. The team expects to release a process development report later this year.

Based at Virginia Commonwealth University and its College of Engineering, M4ALL was established in 2017 with a \$25 million grant from the Bill & Melinda Gates Foundation. The institute has worked to transfer its cost-saving methods through its partners such as the Clinton Health Access Initiative.

In February 2019, the institute announced it had developed a new, efficient route for 5-fluorocytosine (5FC), a key starting material used in the synthesis of the anti-HIV drug emtricitabine. The institute released a process development report for emtricitabine for manufacturers interested in learning more about its innovative, scalable technology.

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About Medicines for All (M4ALL)

The Medicines for All Institute (M4ALL) operates under the auspices of the Virginia Commonwealth University College of Engineering. M4ALL's mission is to improve access to affordable, high-quality medicines. This is done by lowering the cost of medications, both in

market and in development, as well as enhancing the security of supply chains for these essential medications. M4ALL accomplishes its mission by reducing the cost of active pharmaceutical ingredients (APIs)—a major cost driver in treating infectious diseases in the developing world. Visit medicines4all.vcu.edu.

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