MEDI 502: Translational Science in the COVID-19 Pandemic
ACCELERATING AND ENHANCING OUR RESPONSE ACROSS PRECLINICAL, CLINICAL AND POPULATION HEALTH RESEARCH

BACKGROUND

The National Center for Advancing Translational Sciences (NCATS), part of the National Institutes of Health (NIH), and the Foundation for Advanced Education in the Sciences (FAES) have partnered to offer an online course about translational science in the COVID-19 pandemic.

The course describes in detail a range of recent and ongoing research activities — from preclinical to clinical to population health — that were led or supported by NCATS in response to the COVID-19 pandemic. Through this lens, the course teaches students effective approaches and strategies in translational science that have been key to the success of these efforts and are generalizable to other translational research activities.

Students will learn about the myriad ways NCATS is contributing to research to address the COVID-19 pandemic and will leave the course equipped with a set of wide-ranging translational science strategies they can apply in their future work in translational research.

COURSE GOALS

By the end of the course, students will be able to:

- Identify key translational science challenges in responding to the COVID-19 pandemic.
- Identify effective translational science approaches NCATS has utilized to address multiple aspects of the COVID-19 pandemic that span preclinical, clinical and public health translational research.
- Explain how the translational science approaches NCATS utilized in the context of a variety of projects related to COVID-19 could be applied broadly to research focused on other diseases and conditions.

- Reflect on the translational science principles highlighted throughout the course and how these relate to one's own (current or future) work and career sector.
- Learn about the partnerships and collaborations needed to advance translational research, as well as legal approaches that help establish effective partnerships.

DETAILS

Registration: https://education.faes.org/search/publicCourseSearchDetails.do?method=load&courseId=1151591

Dates: Jan. 31–March 18, 2022

NIH National Center for Advancing Translational Sciences

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