



# **Translational Medicine**

## ***Invited Speaker Seminar***

**2022-2023**

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Host: Dr. Andrea Doria

**Leo Anthony Celi, MD, MSc, MPH**

*Institute for Medical Engineering and Science, MIT*

*Division of Pulmonary, Critical Care and Sleep Medicine, Beth Israel Deaconess  
Medical Center*

*Department of Biostatistics, Harvard T.H. Chan School of Public Health*

***"Health AI will Fail without Data Sharing"***

**Thursday, February 23, 2023**

**PGCRL Multi-Media Room, 03.9320**

**12:00-1:00pm**

***Followed by Meet & Greet***

*Lunch will be served*

**OR**

***Join Us Virtually:***

**<https://zoom.us/j/95733255045?pwd=a1dZZWRkOVRIRINJa1ZiNHRCSi9aZz09>**

***Meeting ID: 957 3325 5045***

***Passcode: 475643***

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# Leo A. Celi, MD, MSc, MPH

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*Principal Research Scientist,  
Massachusetts Institute of Technology  
Clinical Research Director, Laboratory of  
Computational Physiology ● Co-Director,  
MIT Sana ● Staff Physician, Division of  
Pulmonary, Critical Care and Sleep  
Medicine, Beth Israel Deaconess Medical  
Center ● Associate Professor of Medicine,  
Part-time, Harvard Medical School*

Dr. Leo Anthony Celi is the clinical research director and principal research scientist at the MIT Laboratory for Computational Physiology (LCP), and as a practicing intensive care unit (ICU) physician at the Beth Israel Deaconess Medical Center (BIDMC), Leo brings together clinicians and data scientists to support research using data routinely collected in the process of care. His group built and maintains the publicly-available Medical Information Mart for Intensive Care (MIMIC) database and the Philips-MIT eICU Collaborative Research Database, with more than 12,000 users from around the world. MIMIC-III has been cited more than 500 times since 2016. In addition, Leo is one of the course directors for HST.936 – global health informatics to improve quality of care, and HST.953 – collaborative data science in medicine, both at MIT. He is an editor of the textbook for each course, both released under an open access license. "Secondary Analysis of Electronic Health Records" has been downloaded more than 500,000 times, and has been translated to Mandarin. Finally, Leo has spoken in more than 35 countries across 6 continents about the value of data and learning in health systems.

