

# [RISE]

## Drew University Research Institute for Scientists Emeriti

*invite you to a lecture*

# The Discovery of Paxlovid for the treatment of Covid-19 patients

**Dr. Dafydd Owen**  
**Senior Scientific Director, Medicinal Chemistry, Pfizer**



**Mon. Nov. 14th 2022, 7pm**  
**In-person: HS4**  
**On Zoom:**  
**see [drew.edu/rise](https://drew.edu/rise) for link**



The rapid way that the biopharmaceutical industry responded to Covid-19 is impressive. Within 2 years of the emergence of Covid-19, vaccines, antibodies and therapeutics were discovered and developed. Paxlovid an important therapeutic in this fight was the first oral anti-viral treatment for Covid-19. Paxlovid was discovered, developed and granted emergency use authorization by the FDA in 2021. This outstanding research effort by the Pfizer team will be presented by Dr. Dafydd Owen, Senior Scientific Director, Medicinal Chemistry, Pfizer.

Dr. Owen was the project leader for the Paxlovid program. Dr. Owen received his Ph.D. in Organic Chemistry from the University of Cambridge in 1998, followed by a post-doc at Ohio State University. He joined Pfizer's research in 1999 and is currently in Pfizer's labs in Cambridge, Massachusetts. As a medicinal chemist, Dr. Owen has the full range of medicinal chemistry experience required for drug discovery, from target discovery through clinical candidate delivery. He will describe the discovery path for this important drug.

